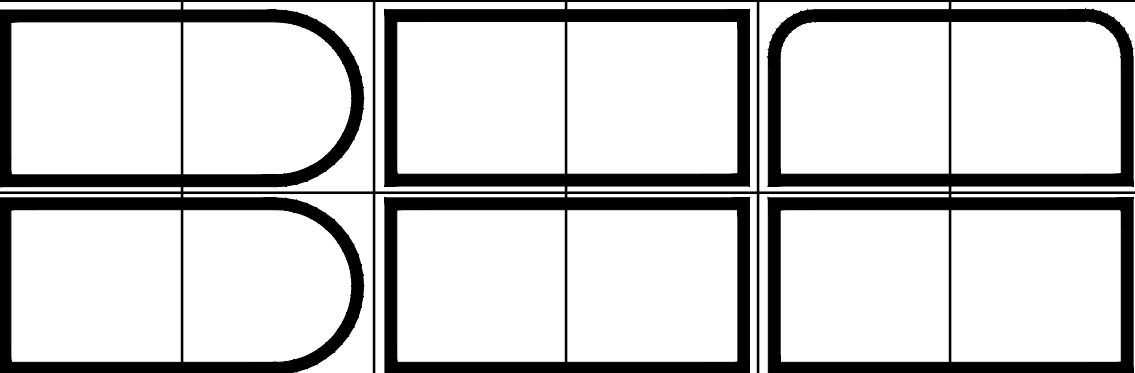


PROPOSED:
FAIRVIEW STREET IMPROVEMENTS
FROM ALLEN STREET TO WYLIE
STREET

S. FAIRVIEW STREET
BLOOMINGTON, INDIANA

UTILITY CONTACT INFORMATION

GAS VECTREN 205 S. MADISON ST. BLOOMINGTON, IN 47401 DOUG ANDERSON (812)330-4009	SEWER AND WATER CITY OF BLOOMINGTON UTILITIES 600 E. MILLER DR. BLOOMINGTON, IN 47402 NANCY AXSON (812)349-3689	ELECTRIC DUKE ENERGY 1619 W. DEFFENBAUGH ROAD KOKOMO, INDIANA 46902 JIM SHIELDS (317)375-2071
TELEPHONE AT&T P.O. BOX 56 BLOOMINGTON, IN 47402 BRENT McCABE (812)334-4521	CABLE TELEVISION COMCAST 2450 SOUTH HENDERSON STREET BLOOMINGTON, IN 47404 SCOTT TEMPLETON (812)355-7822	UNDERGROUND UTILITY LOCATION INDIANA UNDERGROUND PLANT PROTECTION 1-(800)382-5544



BYNUM FANYO & ASSOCIATES, INC.
528 North Walnut Street
Bloomington, Indiana 47404 (812) 332-8030

SHEET INDEX

SHEET NO.	SHEET NO.
C101	GENERAL NOTES & LEGENDS
C201-C202	SITE PLAN & PROFILE
C301-C304	FAIRVIEW STREET CROSS-SECTIONS
C401-C402	MISCELLANEOUS DETAILS



VICINITY/LOCATION MAP
SCALE: 1"=2000'

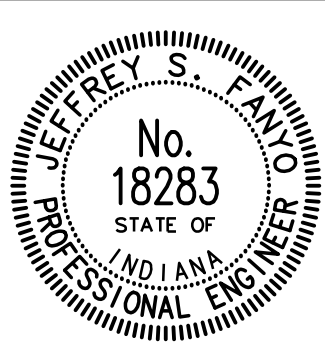


DIAL '811' BEFORE YOU DIG
PER INDIANA STATE LAW IC8-1-26
IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE
UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS
BEFORE COMMENCING WORK.

architecture
civil engineering
planning

OWNER/DEVELOPER:
CITY OF BLOOMINGTON
401 N. MORTON STREET
BLOOMINGTON, IN 47404

THE CURRENT EDITION OF THE INDIANA DEPARTMENT OF
TRANSPORATION, MANUAL ON UNIFORM TRAFFIC CONTROL
DEVICES & CITY OF BLOOMINGTON UTILITIES STANDARD
SPECIFICATIONS IS TO BE USED WITH THESE PLANS



Certified By:
Jeffrey S. Fanyo
JEFFREY S. FANYO, P.E.
IND. REG. NO. 18283

Revisions
REVISED 11-13-15 - SEE NOTES ON REVISED SHEETS
S. FAIRVIEW STREET
PROJECT NO. 401449

GENERAL NOTES

- 1. BOUNDARY AND TOPO BY BYNUM FANYO AND ASSOCIATES, 528 NORTH WALNUT STREET, BLOOMINGTON, INDIANA 47404. PHONE (812) 332-8030
- 2. DEVELOPER: CITY OF BLOOMINGTON
- 3. PROJECT ADDRESS: ALONG FAIRVIEW STREET (SOUTH OF W. WYLIE STREET) IN BLOOMINGTON, INDIANA
- 4. ALL WORK IS TO BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.
- 5. ALL PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- 6. HYDRANT LOCATION SHALL BE APPROVED BY THE LOCAL FIRE MARSHALL.
- 7. EXISTING UTILITIES ON SITE SHALL BE RELOCATED AS REQUIRED. CONTRACTOR SHALL PAY ALL COSTS ASSOCIATED WITH RELOCATION.
- 8. SAFE, CLEARLY MARKED PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT PROPERTIES MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS.

ON-SITE UTILITY NOTES

- 1. ALL WATER PIPE 6" AND LARGER SHALL BE PRESSURE CLASS 350 DIP WATER PIPE CONFORMING TO ALL STATE AND LOCAL STANDARDS.
- 2. WATER MAIN FITTINGS 6" AND LARGER SHALL BE DUCTILE IRON CONFORMING TO AWWA/ANSI STANDARD SPECIFICATIONS C153/A21.5.3, LATEST REVISION.
- 2A. ALL DUCTILE IRON PIPE (DIP) USED IN THIS PROJECT WILL REQUIRE POLYETHYLENE ENCASMENT SLEEVES AND SHALL BE 8-MIL LINEAR LOW-DENSITY (LLD) POLYETHYLENE ENCASMENT OR 4-MIL HIGH-DENSITY CROSS-LAMINATED (HDCL), POLYETHYLENE ENCASMENT MATERIAL, INCLUSIVE OF VALVES AND FITTINGS. THE MATERIAL SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH ANSI/AWWA C-105/A21.5, USING PLASTIC TIE STRAPS OR CIRCUMFERENTIAL WRAPS OR ADHESIVE TAPE PROVIDING THE PIPE WITH A SECURE PROTECTIVE ENCLOSURE.
- 3. 2" WATER MAINS SHALL BE SDR-21 (PR200) AND 4" PIPE MAY BE EITHER SDR-21 (PR200) OR C900 (DR-14).
- 4. ALL WATER SERVICE LINES CONNECTING TO MAINS SHALL BE 1" TYPE "K" COPPER. ALL SERVICE LINES FROM MAIN TO METER SHALL BE TYPE "K" COPPER WITH FLARED ENDS.
- 5. MECHANICAL RESTRAINTS SHALL BE PROVIDED AT ALL WATER LINE BENDS, OFFSETS, TEES, PLUGS, ETC...
- 6. ALL WATER LINE GATE VALVES OTHER THAN AIR RELEASE VALVES AND TAPPING VALVES SHALL BE CAST IRON BODY, FULLY BRONZE MOUNTED, WITH RESILIENT SEAT AND NON-RISING STEM AND SHALL BE MANUFACTURED BY M & H VALVE COMPANY, DARLING VALVE AND MANUFACTURING COMPANY, KENNEDY VALVE COMPANY, OR MUELLER COMPANY.
- 7. FLUSH HYDRANTS SHALL BE PLACED AT THE ENDS OF ALL WATER MAINS AND AT ANY HIGH POINTS IN THE LINE.
- 8. AIR RELEASE VALVES SHALL BE PROVIDED AT ALL HIGH POINTS OF WATER MAINS AND SHALL BE VAL-MATIC BRAND AND SHALL INCORPORATE THE OPTIONAL VACUUM-CHECK FEATURE.
- 9. ALL FIRE HYDRANTS SHALL BE MANUFACTURED BY KENNEDY GUARDIAN OR MUELLER CENTURION.
- 10. ALL WATER MAINS SHALL BE HYDROSTATICALLY TESTED AND DISINFECTED BEFORE ACCEPTANCE. SEE SITE WORK SPECIFICATIONS.
- 11. WATER AND SANITARY SEWER MAINS SHALL HAVE A MINIMUM COVER OF 4'-0" ABOVE TOP OF PIPE.
- 12. ALL SPRINKLER, DOMESTIC, AND SANITARY LEADS TO THE BUILDING SHALL END AS SHOWN ON PLAN AND SHALL BE PROVIDED WITH A TEMPORARY PLUG AT THE END (FOR OTHERS TO REMOVE AND EXTEND AS NECESSARY).
- 13. THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS TEN FEET (10'). THE MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS EIGHTEEN INCHES (18").
- 14. GRAVITY SANITARY SEWER PIPE 6" TO 15" SHALL BE CONSTRUCTED OF SDR-35 PVC.
- 15. THE UPSTREAM ENDS OF ALL SANITARY SEWER LATERALS SHALL BE CLEARLY MARKED WITH A 4x4 TREATED POST EXTENDING 3' BELOW GRADE AND 1' ABOVE GRADE.
- 16. ALL TRENCHING, PIPE LAYING, AND BACKFILLING SHALL BE IN ACCORDANCE WITH FEDERAL OSHA REGULATIONS.
- 17. SEE SITE SPECIFICATIONS FOR BACKFILLING AND COMPACTION REQUIREMENTS.
- 18. SITE CONTRACTOR SHALL HAVE APPROVAL OF ALL GOVERNING AGENCIES HAVING JURISDICTION OVER THIS SYSTEM PRIOR TO INSTALLATION.
- 19. ALL WORK ON THIS PLAN SHALL BE DONE IN STRICT ACCORDANCE WITH SITE WORK SPECIFICATIONS.
- 20. ALL CATCH BASIN GRATE AND FRAMES ARE TO BE BY EAST JORDAN IRON WORKS OR APPROVED EQUAL.
- 21. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF UTILITY LINES ADJACENT TO THE WORK AREA. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD.
- 22. BUILDING CONTRACTOR SHALL PROVIDE & INSTALL A PERMANENT INDICATING VALVE 12" ABOVE THE FLOOR ON THE FIRE LINE AT THE TERMINATION POINT. THIS VALVE WILL BE USED TO HYDROSTATIC PRESSURE TEST AGAINST & WILL REMAIN AS PART OF THE SYSTEM ONCE ALL TESTING IS COMPLETED. THE FIRE LINE MAIN WILL NOT BE DISMANTLED FOR CONNECTION TO THE FIRE SUPPRESSION SYSTEM. SITE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE FIRE MAIN WITH THE BUILDING CONTRACTOR.
- 23. ALL PROJECTS WILL REQUIRE A PRE-CONSTRUCTION MEETING WITH THE CITY OF BLOOMINGTON UTILITIES PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR AND/OR DEVELOPER MUST CONTACT TOM AXSON AT (812)349-3633 TO SCHEDULE THE MEETING.
- 24. CONTRACTOR SHALL NOTIFY THE CITY OF BLOOMINGTON UTILITIES ENGINEERING DEPARTMENT TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION OF ANY WATER, STORM OR SANITARY SEWER UTILITY WORK. A CBU INSPECTOR MUST HAVE NOTICE SO WORK CAN BE INSPECTED, DOCUMENTED, AND PROPER AS-BUILT MADE. WHEN A CONTRACTOR WORKS WEEKENDS, A CBU DESIGNATED HOLIDAY, OR BEYOND NORMAL CBU WORK HOURS, THE CONTRACTOR WILL PAY FOR THE INSPECTOR'S OVERTIME. FOR CBU WORK HOURS AND HOLIDAY INFORMATION, PLEASE CONTACT THE CITY OF BLOOMINGTON UTILITIES ENGINEERING DEPARTMENT AT (812)349-3660.

EXISTING LEGEND

EXISTING FENCE	— * — * — *
EXISTING WATER LINE	— W —
EXISTING OVERHEAD ELECTRIC LINES	— OHE —
EXISTING UNDERGROUND ELECTRIC LINES	— UGE —
EXISTING UNDERGROUND TELEPHONE LINES	— UGT —
EXISTING UNDERGROUND FIBER OPTIC LINES	— FO —
EXISTING GAS LINE	— GAS —
EXISTING CONTOUR	---XXX---
FLOW LINE	→ . . . →
EXISTING SANITARY SEWER AND MANHOLE	— () —
EXISTING STORM SEWER AND INLET	— [] —
PROPERTY LINE	— - - - —

NOTE: THE CONTRACTOR SHALL CONTACT THE CITY OF BLOOMINGTON STREET DEPARTMENT TO REMOVE ALL SIGNS WITHIN THE PROJECT LIMITS PRIOR TO COMMENCING CONSTRUCTION.

THE CONTRACTOR SHALL CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH SECTIONS 201 AND 202 OF THE CURRENT EDITION OF THE INDOT STANDARD SPECIFICATIONS.

NOTE: ALL DISTURBED AREAS TO BE MULCHED AND SEEDED PER CITY OF BLOOMINGTON SPECIFICATIONS

SITE LEGEND

- (A) PROPOSED ROAD BITUMINOUS PAVING – REFER TO DETAIL
- (PP) PROPOSED CITY OF BLOOMINGTON PAVEMENT PATCH, – REFER TO DETAIL
- (C) PROPOSED 6" CONCRETE PAVING – REFER TO DETAIL
- (F) PROPOSED CONCRETE SIDEWALK – REFER TO DETAIL
- (F1) 8" HIGH PROPOSED MONOLITHIC CURB AND SIDEWALK – REFER TO DETAIL
- (R1) PROPOSED 'INDOT' SIDEWALK ADA CURB ACCESSIBLE RAMP, TYPE 'H' WITH DETECTABLE WARNING PLATES – REFER TO DETAILS
- (R2) PROPOSED SIDEWALK ADA CURB ACCESSIBLE RAMP, TYPE 'H' – REFER TO DETAILS
- (13) PROPOSED CONCRETE CURB – REFER TO DETAILS
- (14) PROPOSED MODIFIED CONCRETE CURB @ DRIVES – REFER TO DETAILS
- (21) PROPOSED PAVEMENT MARKING, PAINTED, SOLID LINE, WHITE, 4" WIDE LINE (MARKING PER INDOT STANDARD 808.07 AND MUTCD PART 3 STANDARDS)

GRADING NOTES

- 1. NEW FINISHED CONTOURS SHOWN ARE TOP OF FUTURE PAVING IN AREAS TO RECEIVE PAVEMENT AND TOP OF TOPSOIL IN AREAS TO BE SEEDED OR PLANTED.
- 2. AREAS OUTSIDE OF THE PARKING LOT PERIMETERS SHOWN TO BE SEEDED OR PLANTED SHALL RECEIVE 6" OF TOPSOIL. THIS TOPSOIL IS TO BE PLACED AND LEVELED BY THE CONTRACTOR.
- 3. CONTRACTOR SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING, OR CONNECTING TO SAID FACILITIES. CONTRACTOR SHALL PAY ALL COSTS IN CONNECTION WITH ALTERATION OF OR RELOCATION OF THE FACILITY.
- 4. ALL AREAS NOT COVERED BY BUILDING OR PAVING AREA TO BE MULCHED AND SEEDED.
- 5. UNUSABLE EXCAVATED MATERIALS AND ALL WASTE RESULTING FROM CLEARING AND GRUBBING SHALL BE DISPOSED OF OFF SITE BY CONTRACTOR.
- 6. ALL EXCAVATING IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED.
- 7. BEFORE ANY MACHINE WORK IS DONE, CONTRACTOR SHALL STAKE OUT AND MARK THE ITEMS ESTABLISHED BY THE SITE PLAN. CONTROL POINTS SHALL BE PRESERVED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION. THE LACK OF PROPER WORKING POINTS AND GRADE STAKES MAY REQUIRE CESSATION OF OPERATIONS UNTIL SUCH POINTS AND GRADES HAVE BEEN PLACED TO THE OWNER'S SATISFACTION.
- 8. CONTRACTOR SHALL COMPACT AND MAINTAIN A 30,000 SQ. FT. STONEBASE CONSTRUCTION LAYDOWN AREA W/ STONE ACCESS FROM THE CONSTRUCTION ENTRANCE AND STONE ACCESS TO THE BUILDING PAD.
- 9. THESE DOCUMENTS ARE SCHEMATIC IN NATURE AND CANNOT SHOW EVERY ITEM NEEDED FOR A COMPLETE OPERATIONAL STORM SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE OPERATING STORM SYSTEM.
- 10. ALL FILL SHALL BE FREE OF VEGETABLE MATTER, RUBBISH, LARGE ROCK, AND OTHER DELETERIOUS MATERIAL. THE FILL MATERIAL SHOULD BE PLACED IN LAYERS NOT TO EXCEED SIX (6) INCHES IN LOOSE THICKNESS AND SHOULD BE SPRINKLED WITH WATER AS REQUIRED TO SECURE SPECIFIED COMPACTION. EACH LAYER SHOULD BE UNIFORMLY COMPACTED BY MEANS OF SUITABLE EQUIPMENT AS DICTATED BY THE TYPE OF FILL MATERIAL. UNDER NO CIRCUMSTANCES SHOULD A BULLDOZER OR SIMILARLY TRACKED VEHICLE BE USED AS COMPACTING EQUIPMENT. MATERIAL CONTAINING AN EXCESS OF WATER SHOULD BE SPREAD AND DRIED TO A MOISTURE CONTENT THAT WILL PERMIT PROPER COMPACTION. ALL FILL SHOULD BE COMPACTED TO THE SPECIFIED PERCENTAGE OF THE MAXIMUM DENSITY OBTAINED IN ACCORDANCE WITH ASTM DENSITY TEST D-698 (98 PERCENT OF MAXIMUM DRY DENSITY). IF THE SPECIFIED COMPACTION LIMITS ARE NOT MET, SUCH AREAS SHOULD BE REWORKED AND RETESTED AS REQUIRED UNTIL THE SPECIFIED LIMITS ARE REACHED.

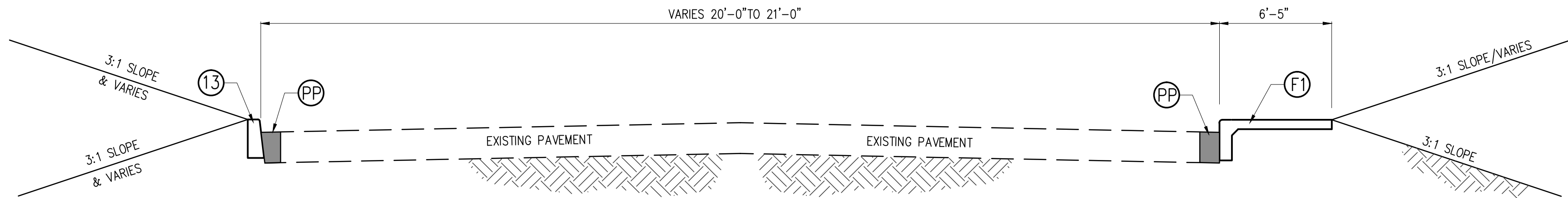
PARKING AND PAVEMENT NOTES

- 1. ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC DEVICES, 1988 EDITION AS AMENDED.
- 2. ALL PAVEMENT MARKINGS SHALL BE PAINTED WHITE ON ASPHALT PAVEMENT / YELLOW ON CONCRETE PAVEMENT AND SHALL BE FOUR (4) INCHES WIDE UNLESS INDICATED OTHERWISE.
- 3. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT UNLESS INDICATED OTHERWISE. ALL CURB RADIUS ARE TO BE 5' UNLESS INDICATED OTHERWISE.
- 4. CONTRACTOR SHALL FURNISH AND INSTALL PAVEMENT MARKINGS AS SHOWN ON THE PLANS.
- 5. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES WITH OTHER CONTRACTORS ON THE SITE.
- 6. JOINTS OR SCORE MARKS ARE TO BE SHARP AND CLEAN WITHOUT SHOWING EDGES OF JOINTING TOOLS.
- 7. CONTRACTOR SHALL SAW-CUT TIE-INS AT EXISTING CURBS AS NECESSARY TO INSURE SMOOTH TRANSITIONS. CONTRACTOR SHALL SAW-CUT AND TRANSITION TO MEET EXISTING PAVEMENT AS NECESSARY AND AS DIRECTED BY INSPECTOR TO INSURE POSITIVE DRAINAGE. (TYPICAL AT ALL INTERSECTIONS).
- 8. CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" ISSUED BY A.G.C. OF AMERICA, INC. AND THE HEALTH AND SAFETY REGULATIONS FOR CONSTRUCTION ISSUED BY THE U.S. DEPARTMENT OF LABOR.
- 9. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY EXISTING PAVEMENT MARKINGS WITHIN THE PUBLIC RIGHT-OF-WAY THAT GET REMOVED WITH THE PROPOSED SCHEDULED WORK. THE CONTRACTOR SHALL TAKE NOTE OF LOCATION, SIZE, MATERIAL, AND TYPE OF PAVEMENT MARKINGS THAT ARE BEING REPLACED TO ENSURE ACCURATE REPLACEMENT AFTER CONSTRUCTION HAS COMMENCED.

NOTE: ONLY NOTES ON THIS SHEET MARKED WITH AN ☒ APPLY TO THIS PROJECT.

NOTE TO CONTRACTOR

CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS & DEPTHS AND NOTIFY ENGINEER OF ANY INACCURACIES IN LOCATION OR ELEVATION OR ANY CONFLICTS PRIOR TO & AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE TO CONTRACTOR FOR UTILITY DESTRUCTION OR UNDERGROUND CHANGES REQUIRED DUE TO CONFLICTING ELEVATIONS.



TYPICAL ROAD CROSS SECTION
NOT TO SCALE

THE CURRENT EDITION OF THE INDIANA DEPARTMENT OF TRANSPORTATION, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES & CITY OF BLOOMINGTON UTILITIES STANDARD SPECIFICATIONS IS TO BE USED WITH THESE PLANS

revisions:

ARCHITECTURE
CIVIL ENGINEERING
PLANNING
bloomington, indiana
(812) 339-2990 (Fax)

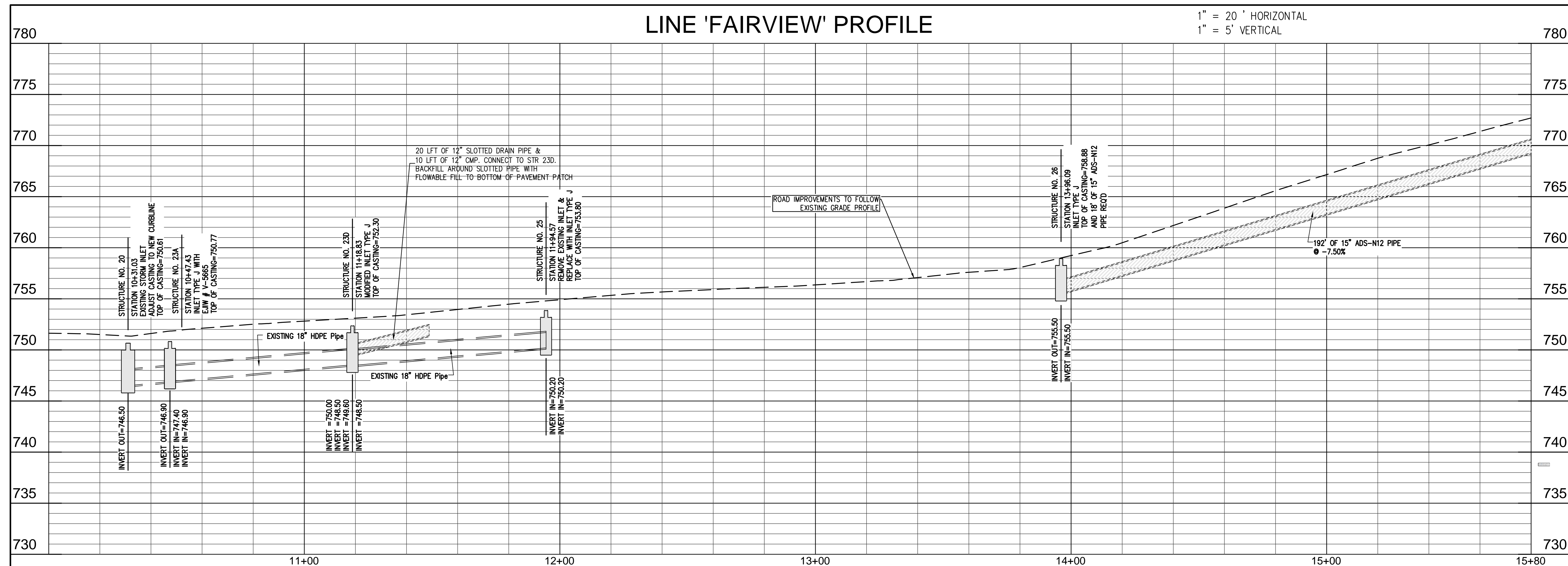
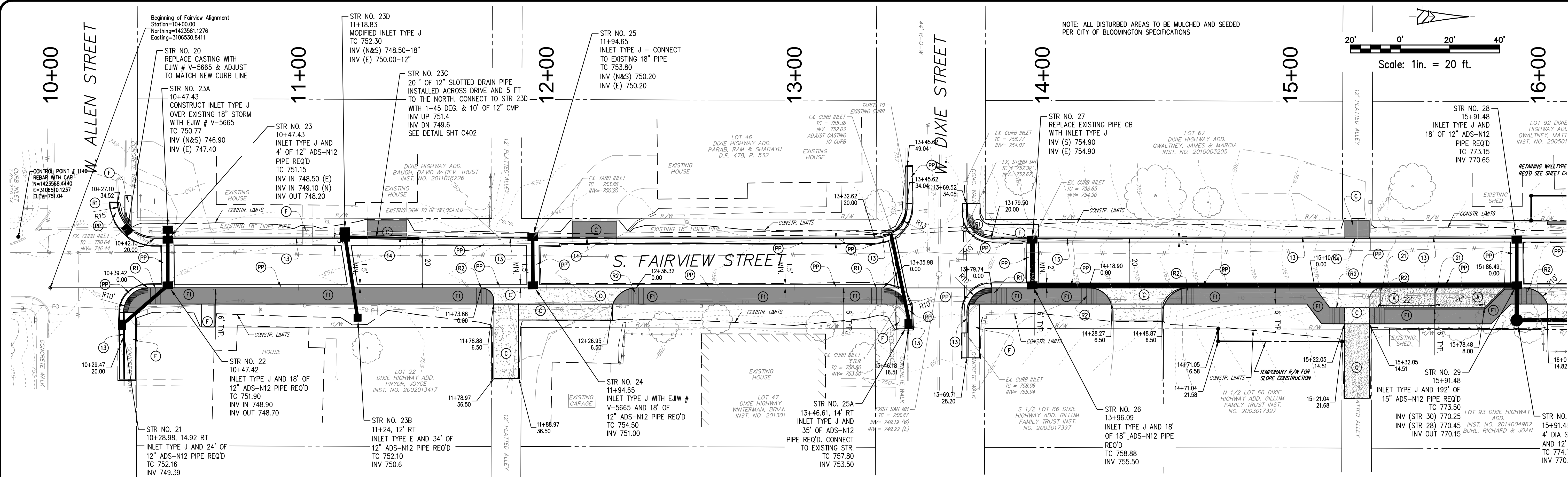
BYNUM FANYO & ASSOCIATES, INC.
528 north walnut street
(812) 332-8030

JEFFREY S. FANYO
No. 18283
STATE OF INDIANA
PROFESSIONAL ENGINEER
certified by [signature]

PROPOSED
FAIRVIEW STREET SIDEWALK PROJECT
FROM ALLEN STREET TO WYLIE STREET
BLOOMINGTON, INDIANA

title: GENERAL NOTES
& LEGENDS

designed by: DJB
drawn by: DJB
checked by: JSF
sheet no: C101
project no.: 401449



NOTE TO CONTRACTOR

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revisions:

11-13-15 - ADDED CURB AND SIDEWALK AT DIXIE ST.
ADDED SIDEWALK AT ALLEN ST.
REMOVED PARKING STA 14+50
-15+20

ARCHITECTURE
CIVIL ENGINEERING
PLANNING

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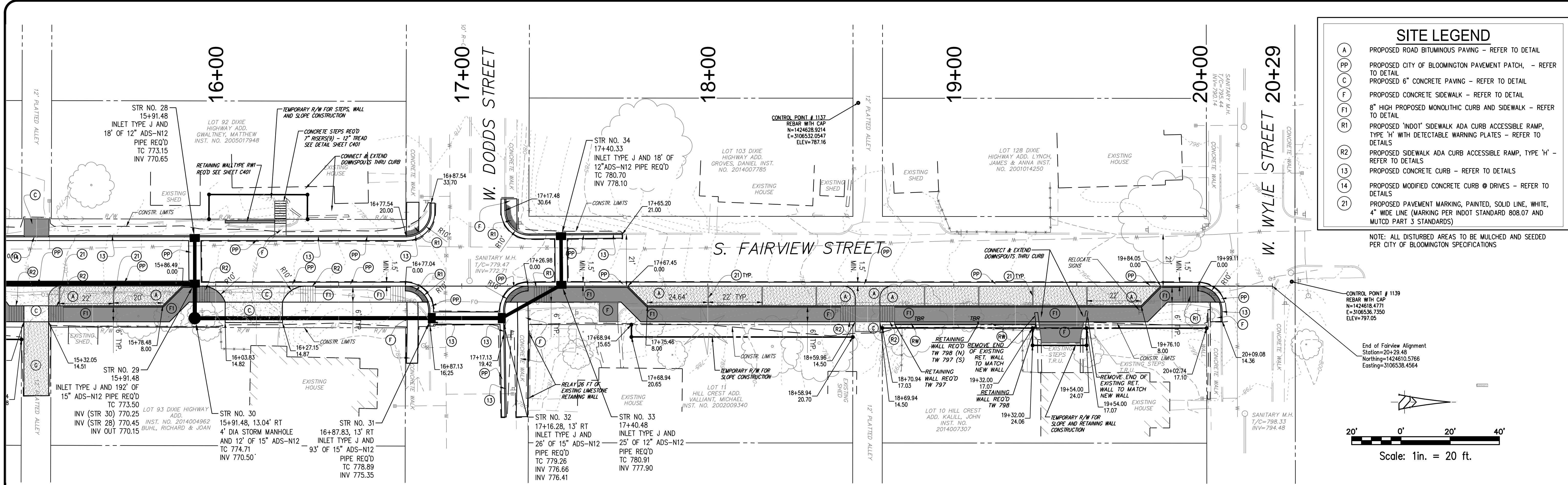


certified by

PROPOSED
FAIRVIEW STREET SIDEWALK PROJECT
FROM ALLEN STREET TO WYLIE STREET
BLOOMINGTON, INDIANA

title: SITE PLAN &
PROFILE

designed by: DJB
drawn by: DJB
checked by: JSF
sheet no: C201
project no.: 401449



SITE LEGEND

A

PP

C

F

F1

R1

R2

13

14

21

PROPOSED ROAD BITUMINOUS PAVING – REFER TO DETAIL

PROPOSED CITY OF BLOOMINGTON PAVEMENT PATCH, – REFER TO DETAIL

PROPOSED 6" CONCRETE PAVING – REFER TO DETAIL

PROPOSED CONCRETE SIDEWALK – REFER TO DETAIL

8" HIGH PROPOSED MONOLITHIC CURB AND SIDEWALK – REFER TO DETAIL

PROPOSED "INDOT" SIDEWALK ADA CURB ACCESSIBLE RAMP, TYPE 'H' WITH DETECTABLE WARNING PLATES – REFER TO DETAILS

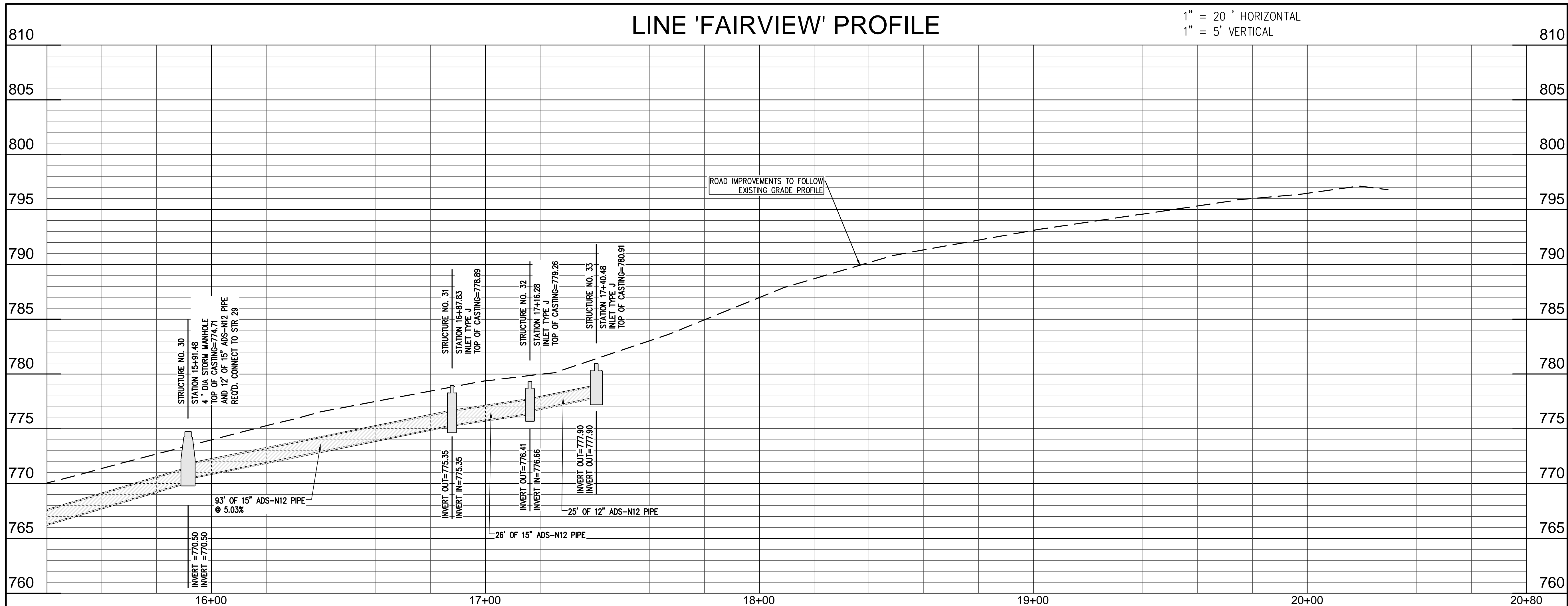
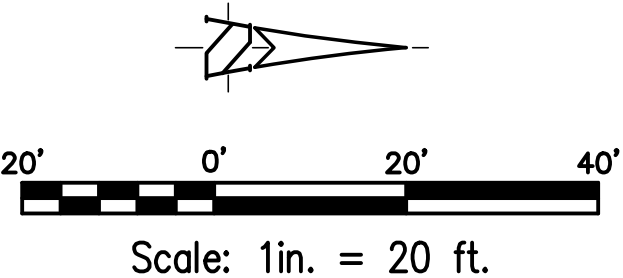
PROPOSED SIDEWALK ADA CURB ACCESSIBLE RAMP, TYPE 'H' – REFER TO DETAILS

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PROPOSED PAVEMENT MARKING, PAINTED, SOLID LINE, WHITE, 4" WIDE LINE (MARKING PER INDOT STANDARD 808.07 AND MUTCD PART 3 STANDARDS)

NOTE: ALL DISTURBED AREAS TO BE MULCHED AND SEEDED PER CITY OF BLOOMINGTON SPECIFICATIONS



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revisions:
11-13-15 – ADDED CURB AND SIDEWALK AT DODDS ST.

ARCHITECTURE
CIVIL ENGINEERING
PLANNING

BYNUM FANYO & ASSOCIATES, INC.
528 north walnut street
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JEFFREY S. FANYO

No. 18283

STATE OF INDIANA

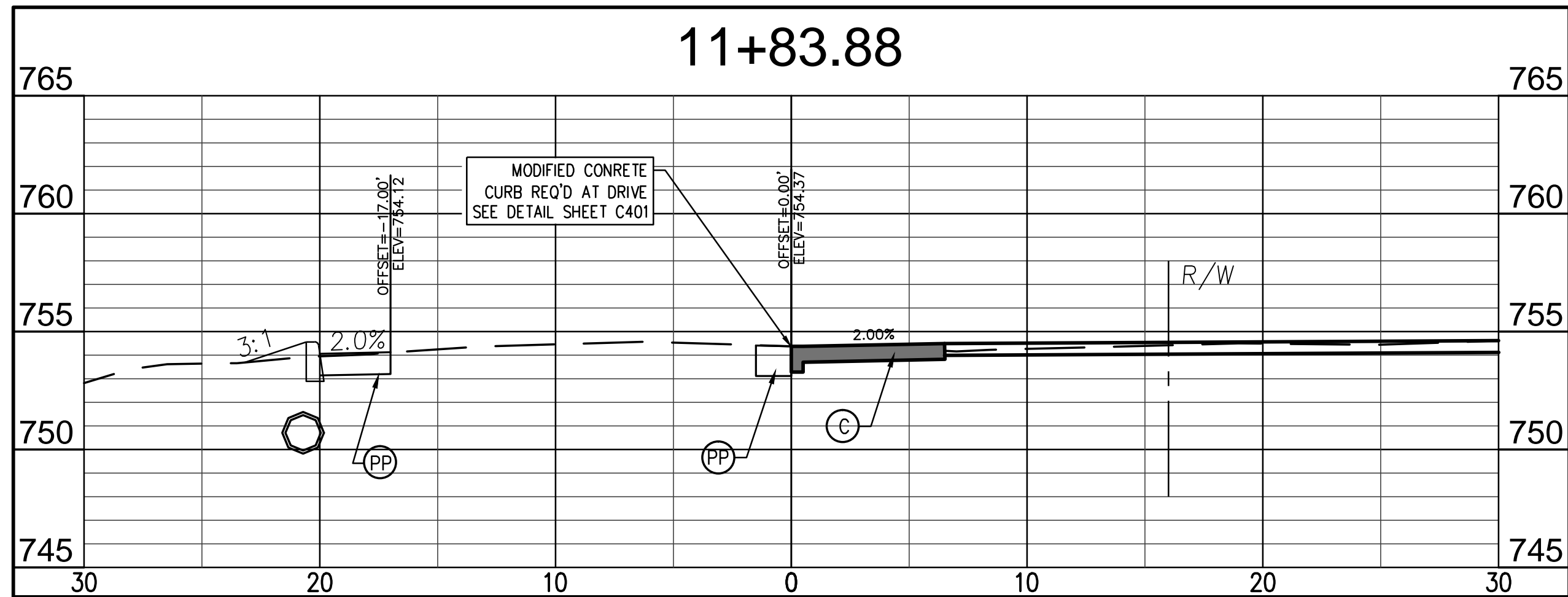
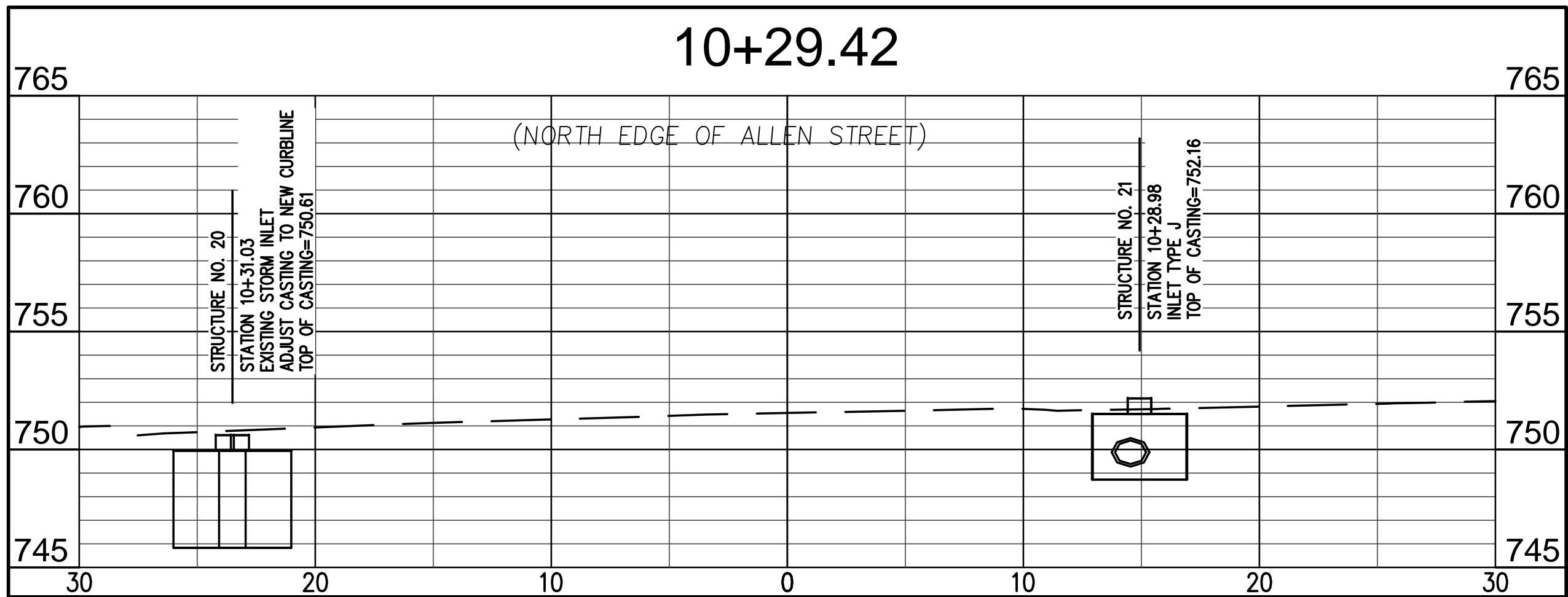
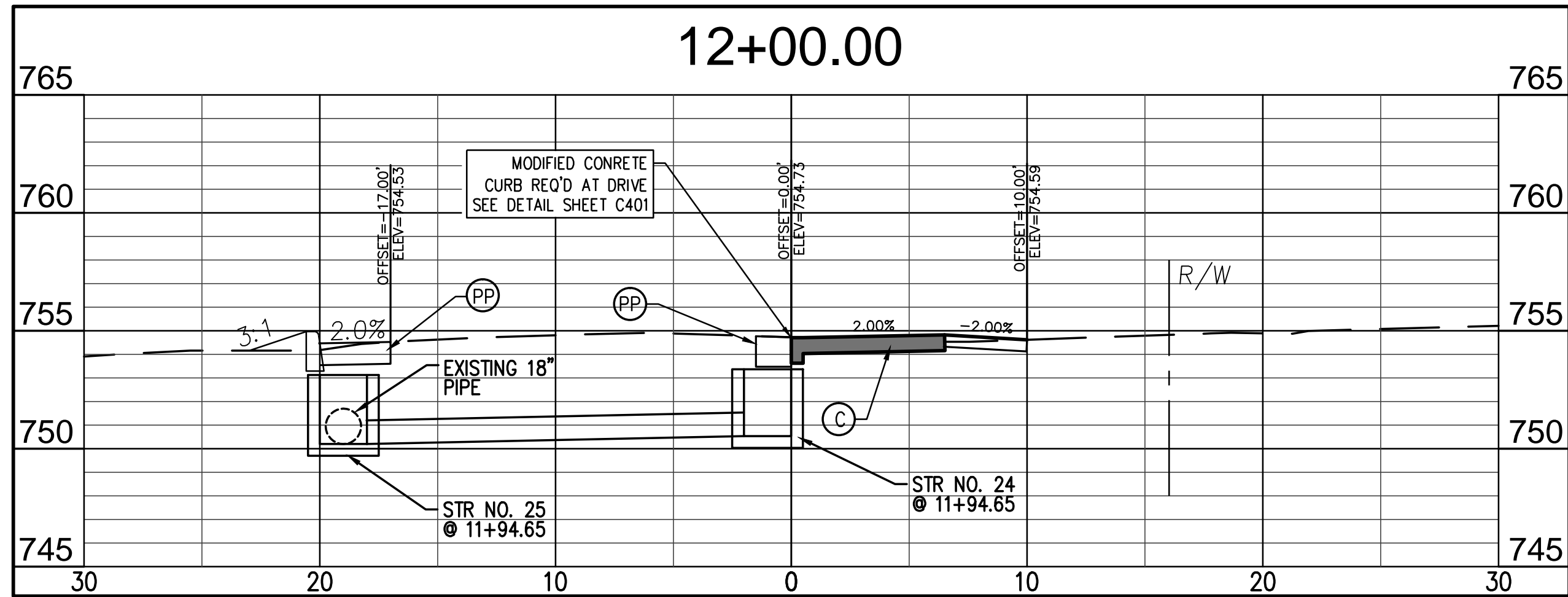
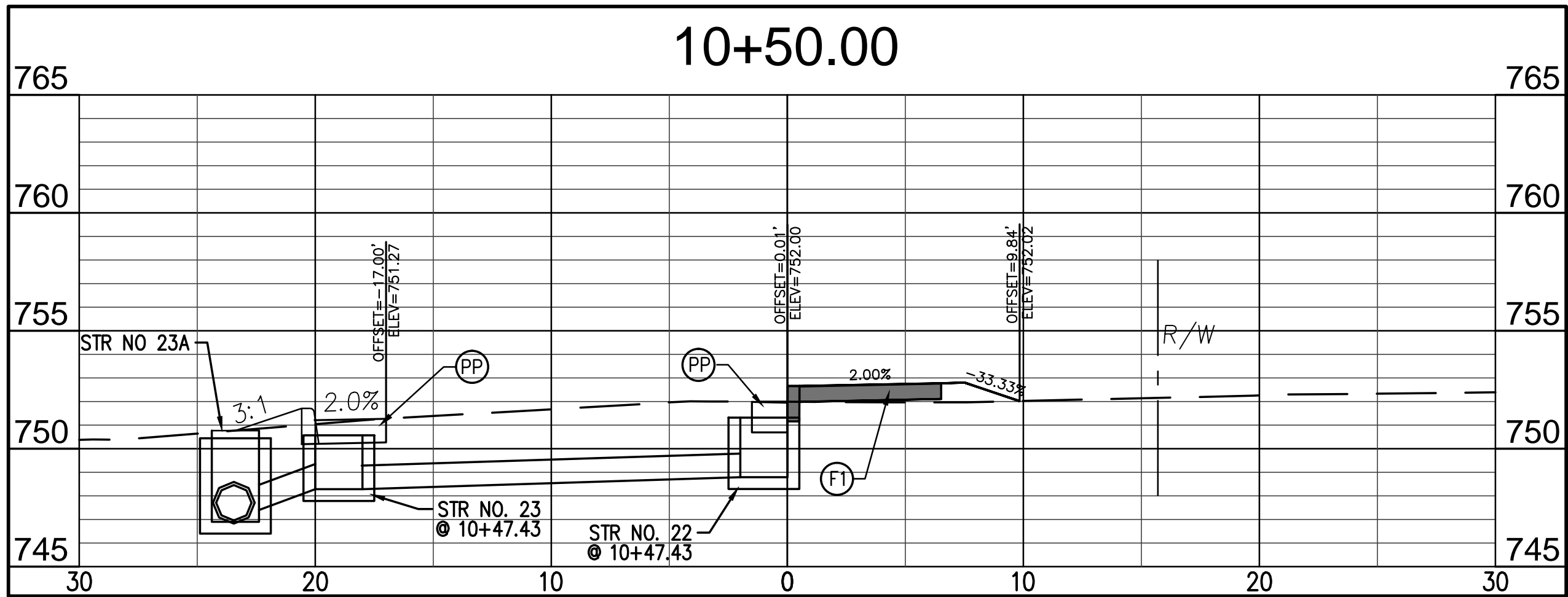
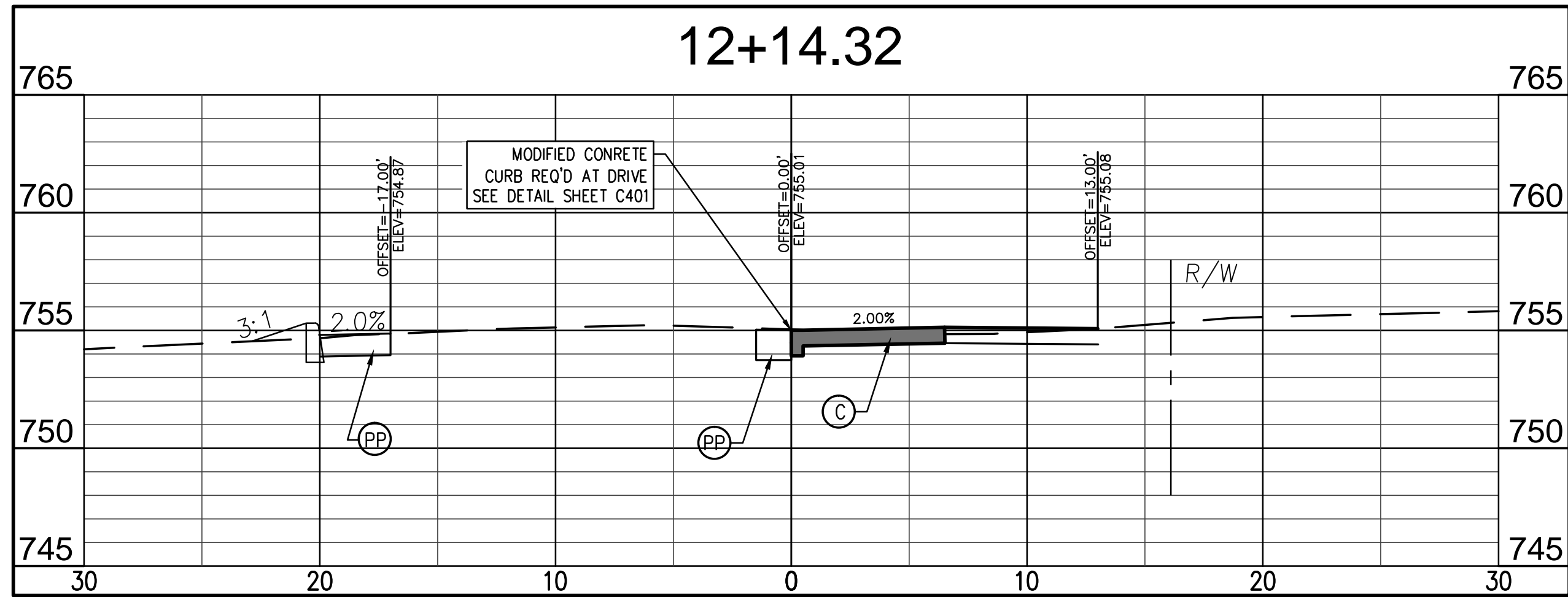
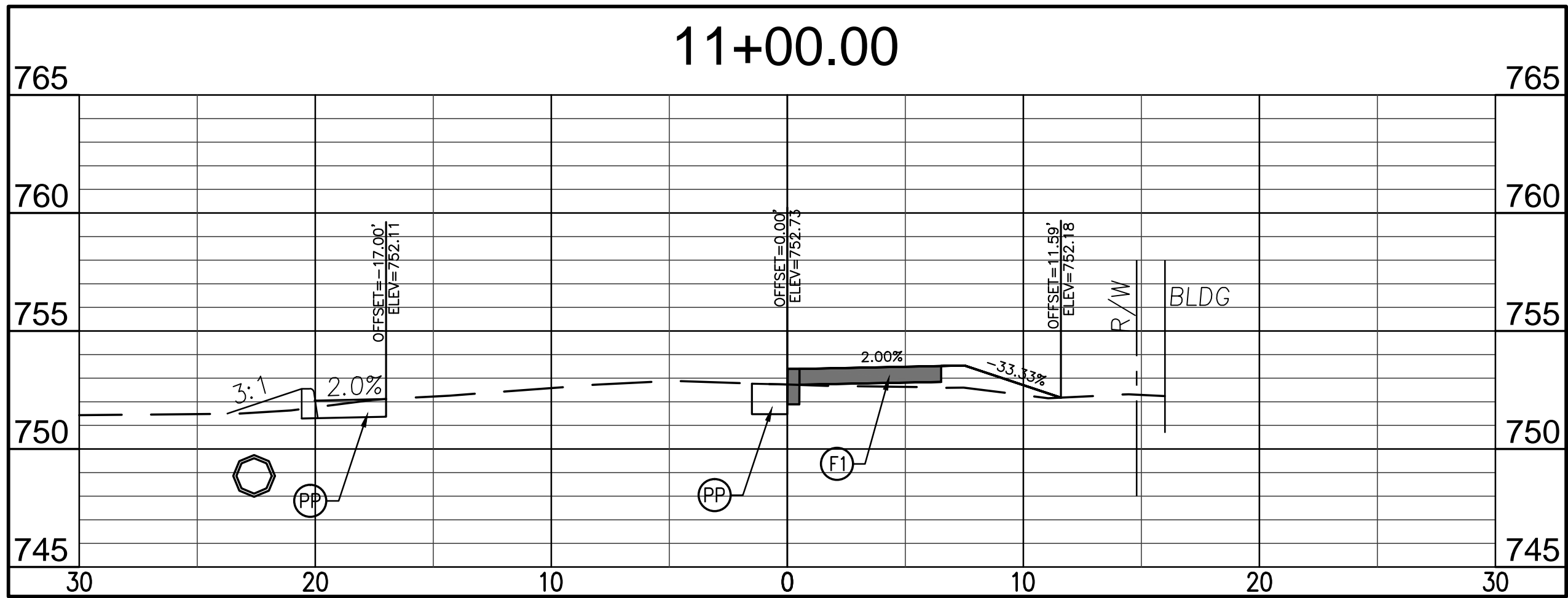
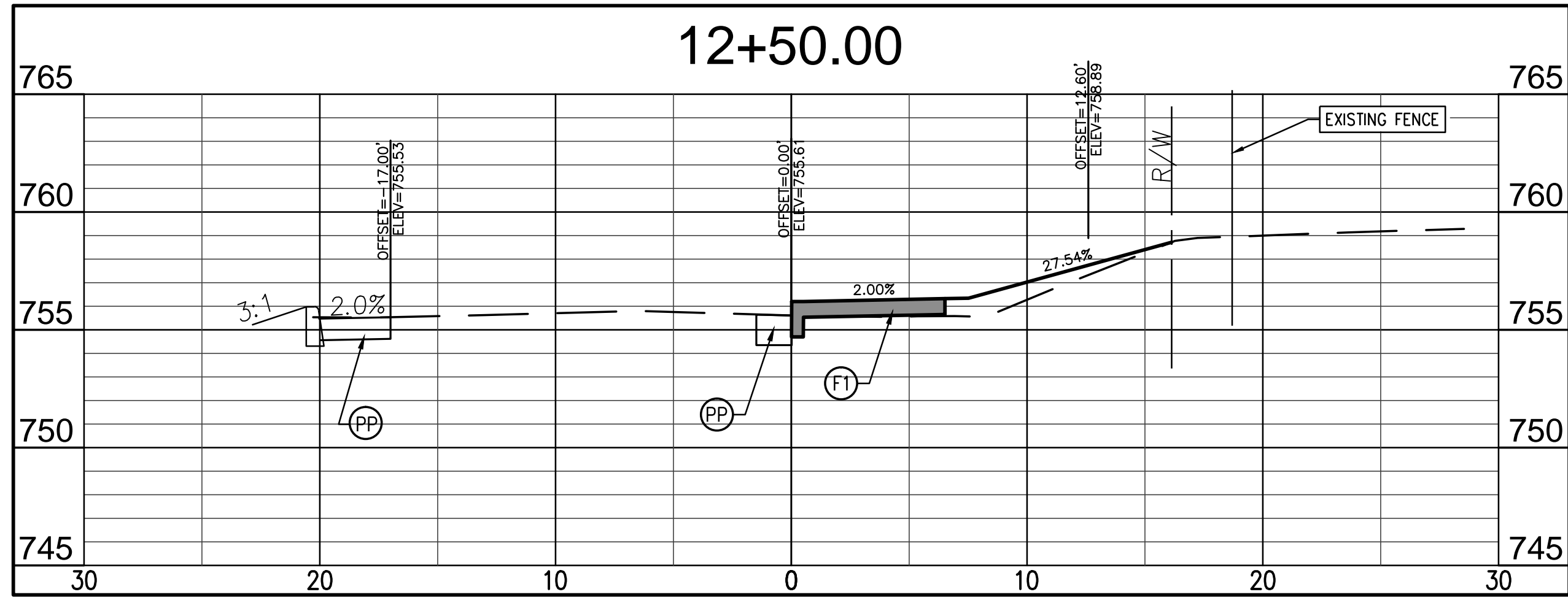
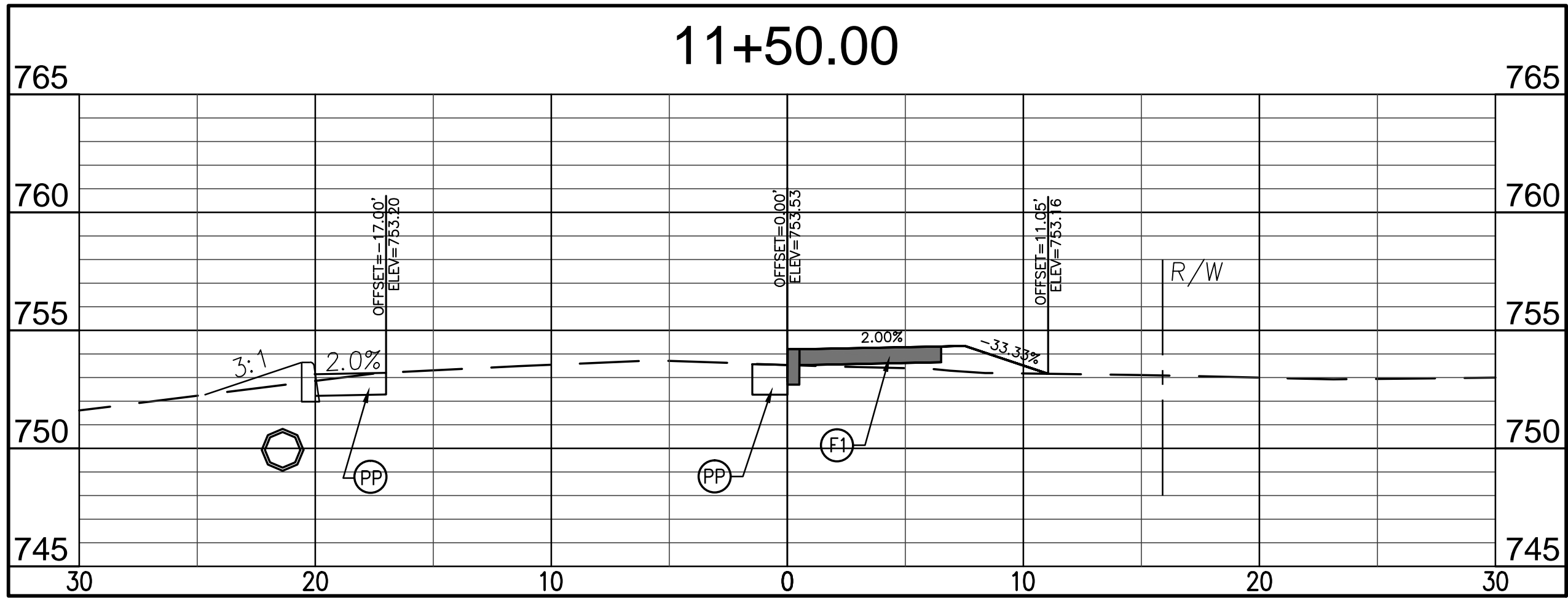
PROFESSIONAL ENGINEER

certified by

PROPOSED
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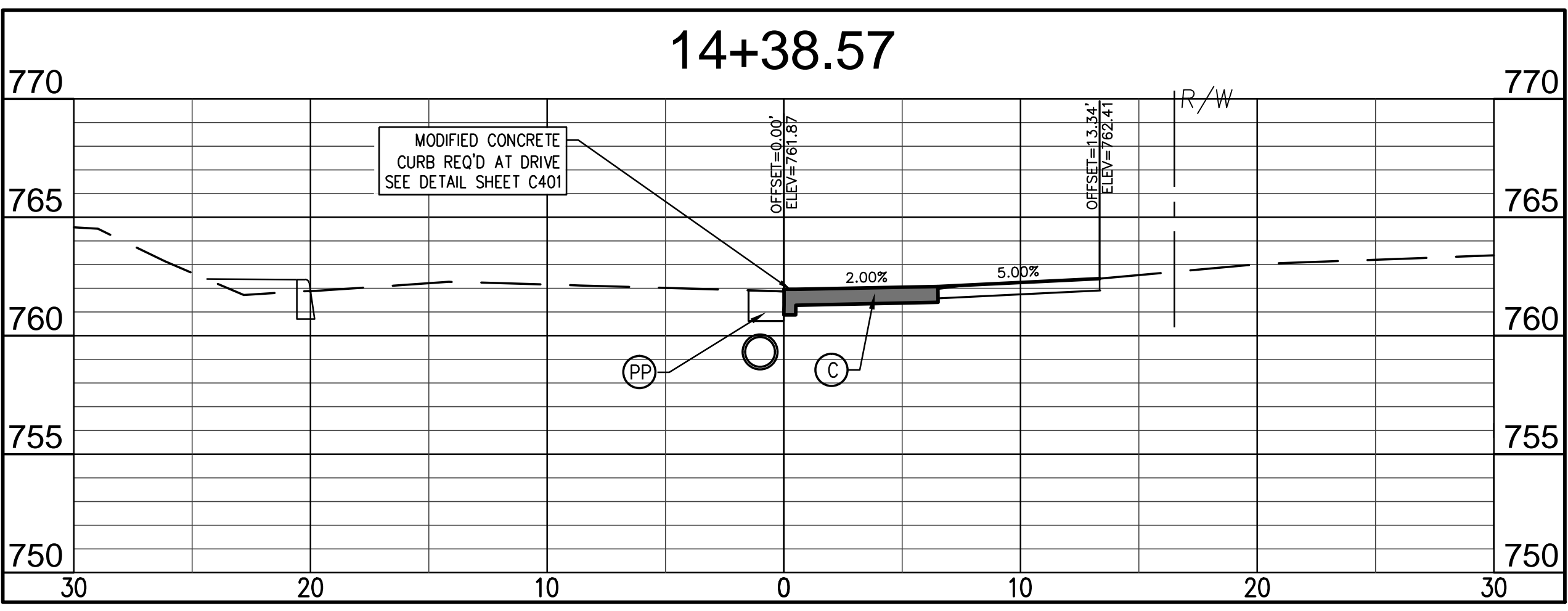
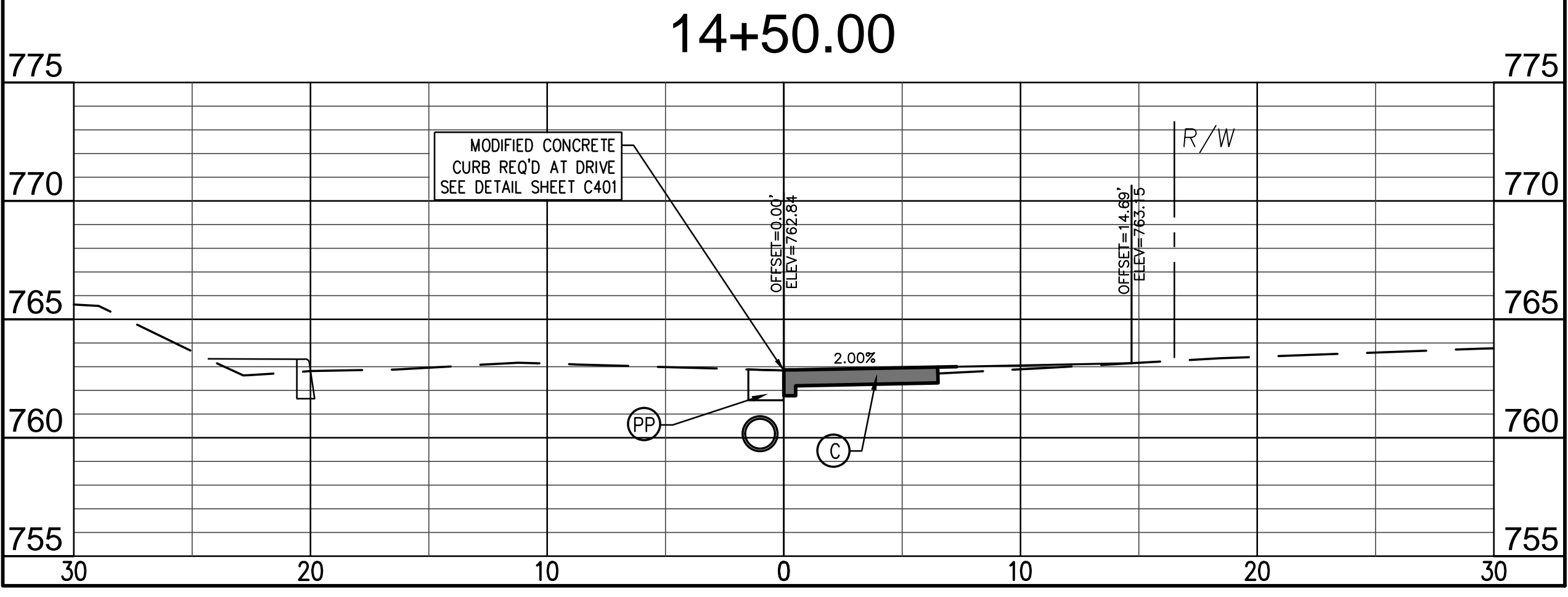
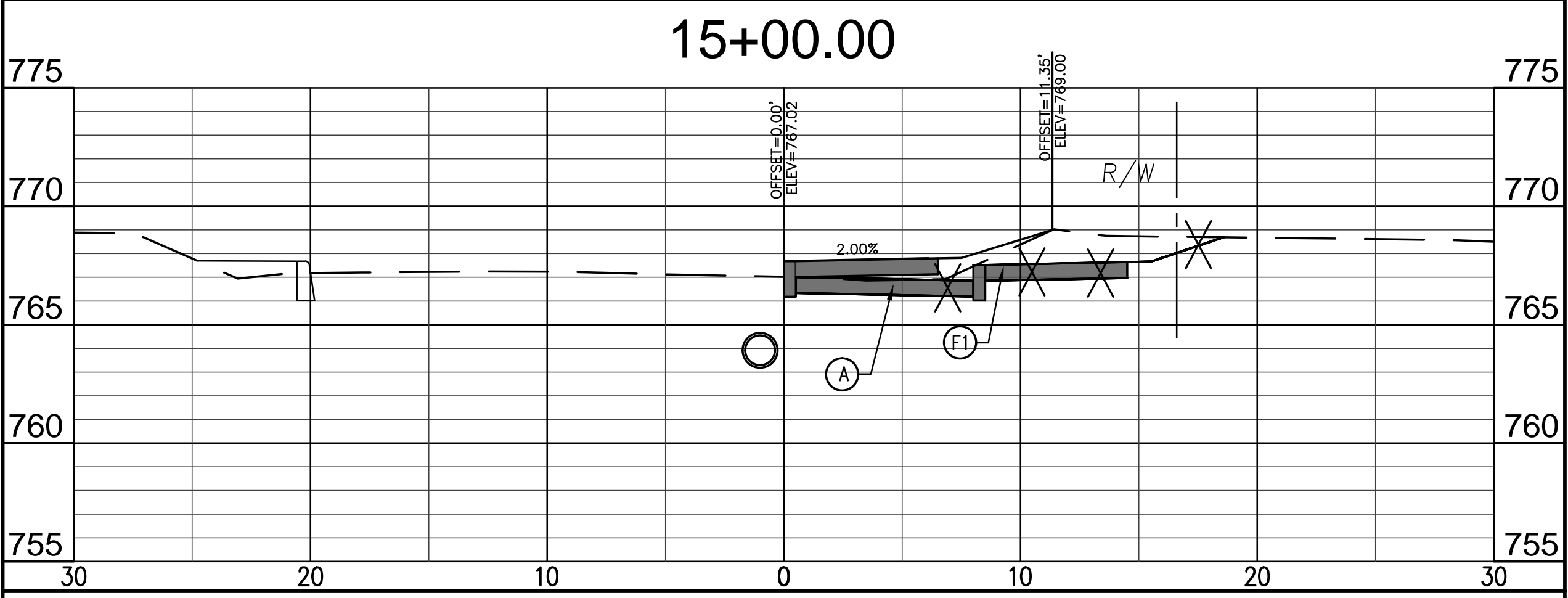
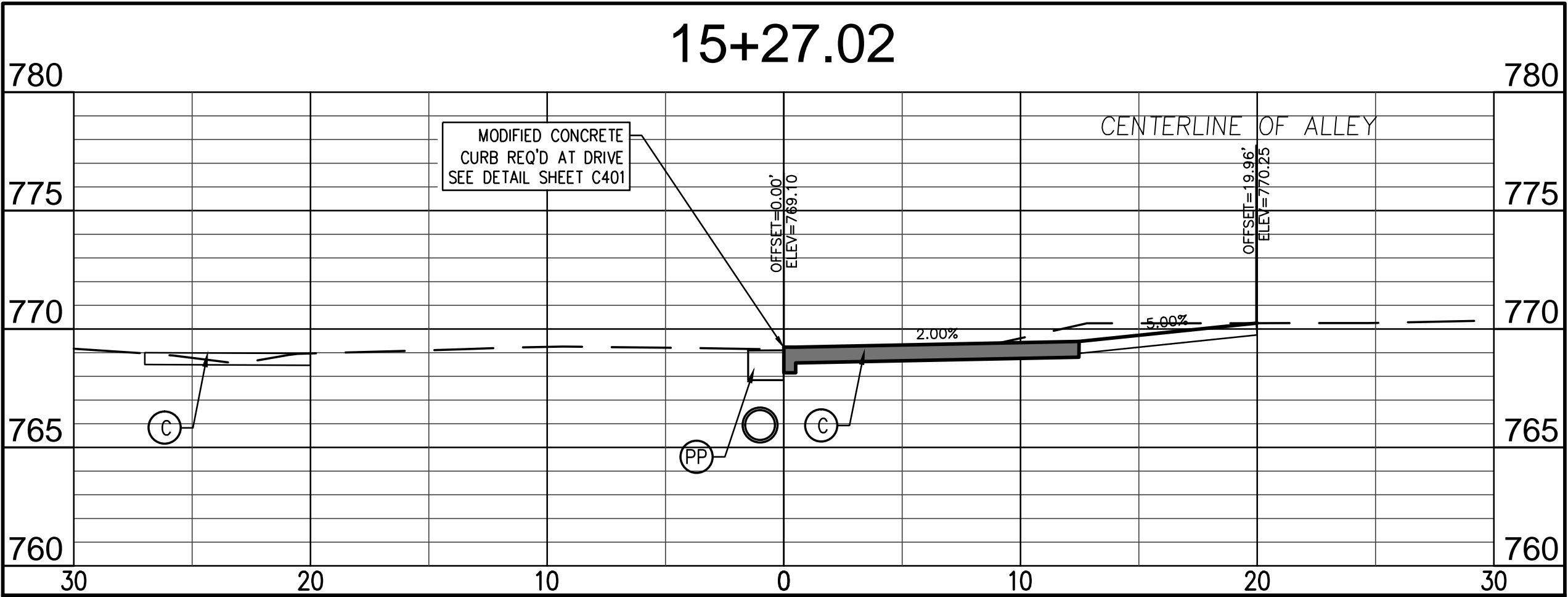
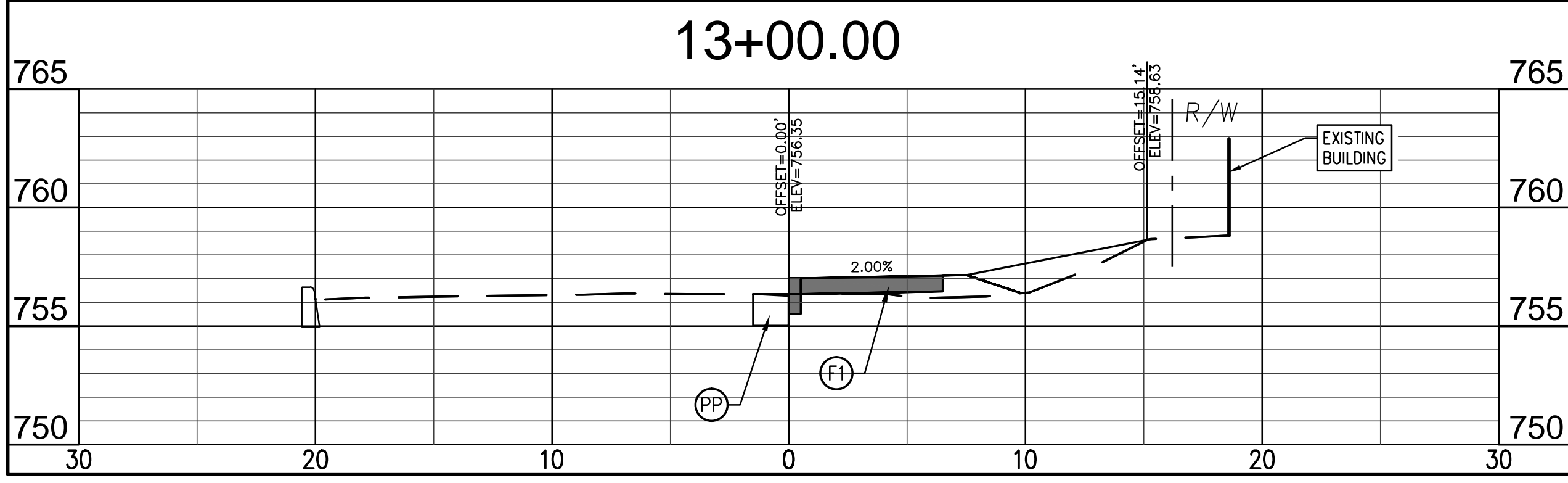
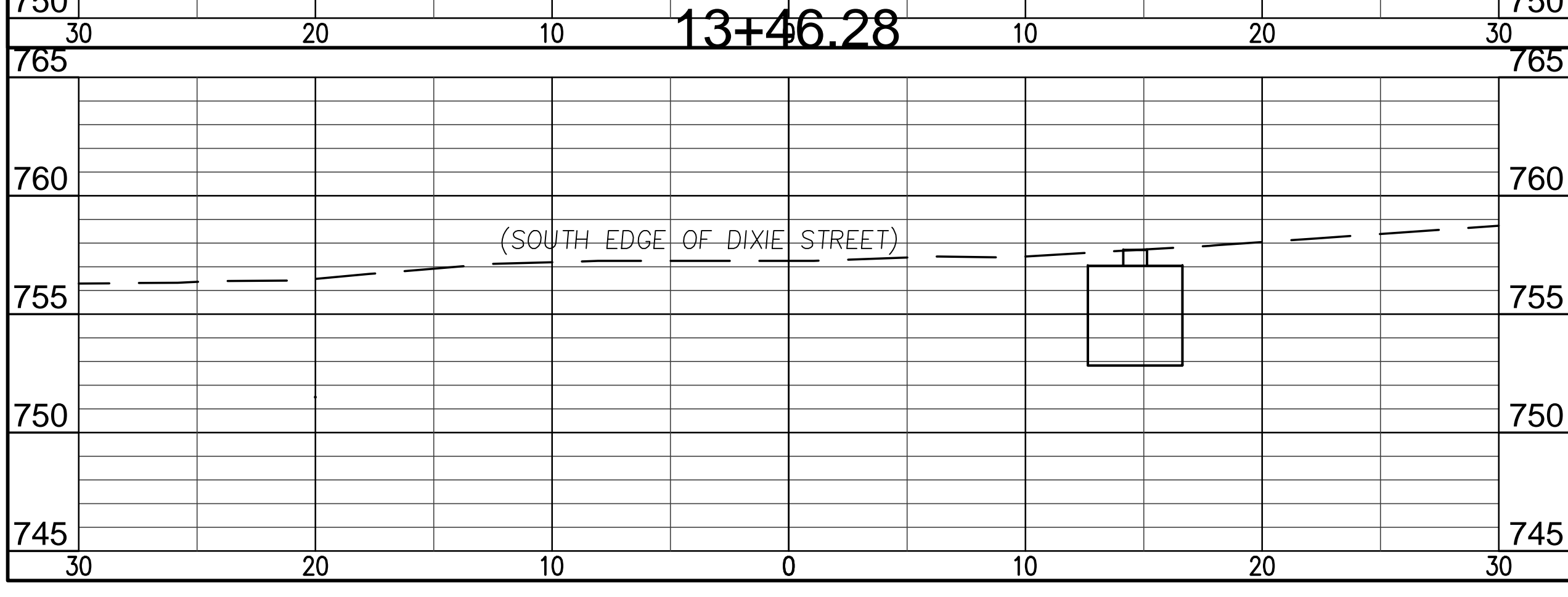
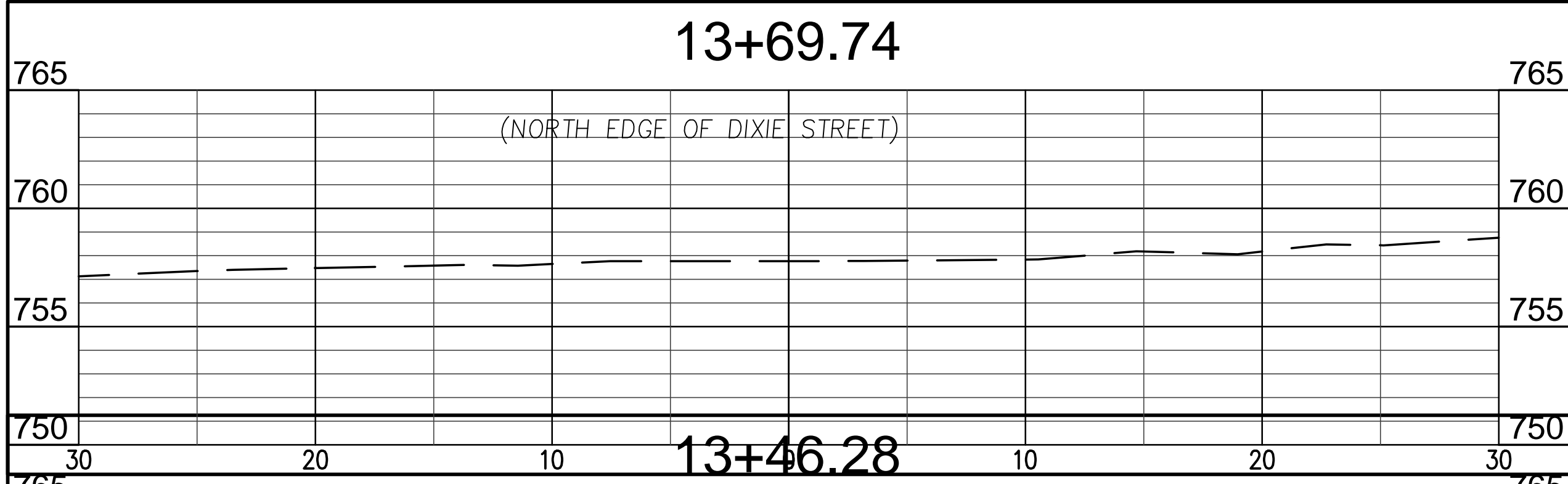
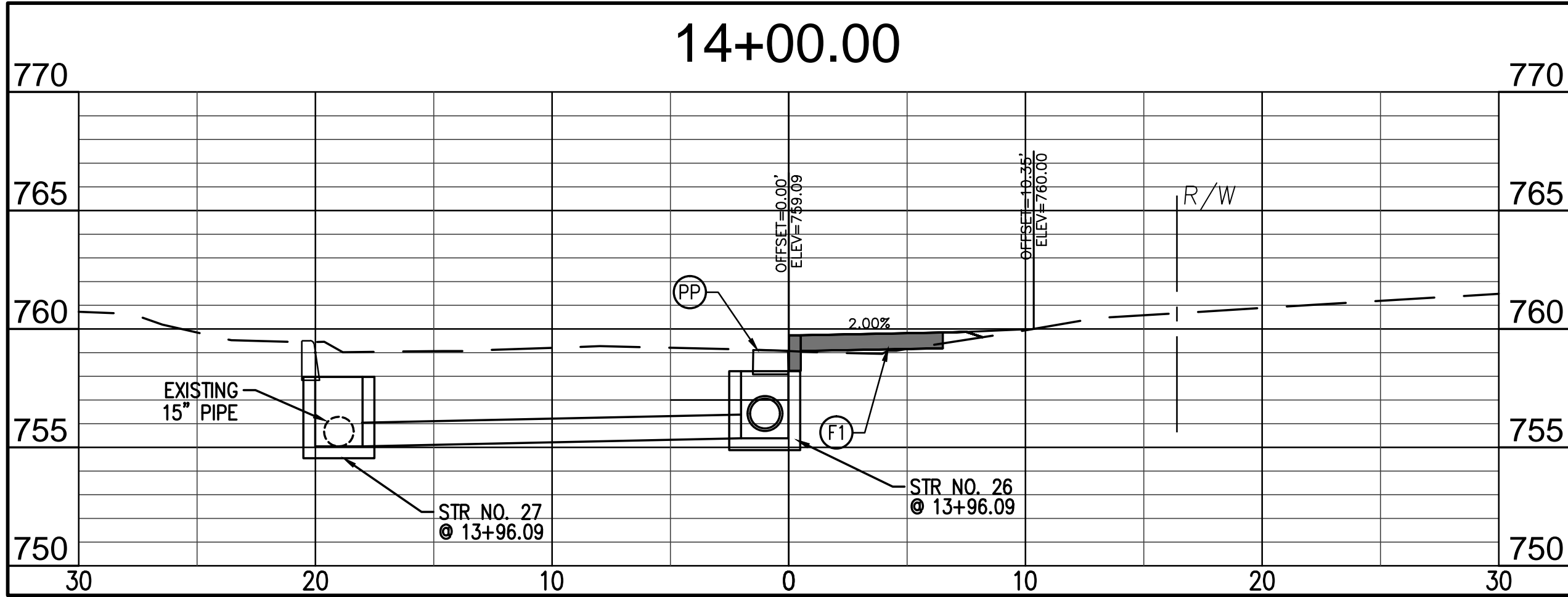
BYNUM FANYO & ASSOCIATES, INC.
528 north walnut street
(812) 332-8030

JEFFREY S. FANYO
No. 18283
STATE OF INDIANA
PROFESSIONAL ENGINEER
certified by [Signature]

PROPOSED
FAIRVIEW STREET SIDEWALK PROJECT
FROM ALLEN STREET TO WYLIE STREET
BLOOMINGTON, INDIANA

title: FAIRVIEW STREET
CROSS
SECTIONS

designed by: DJB
drawn by: DJB
checked by: JSF
sheet no: C301
project no.: 401449



revisions:

ARCHITECTURE
CIVIL ENGINEERING
PLANNING

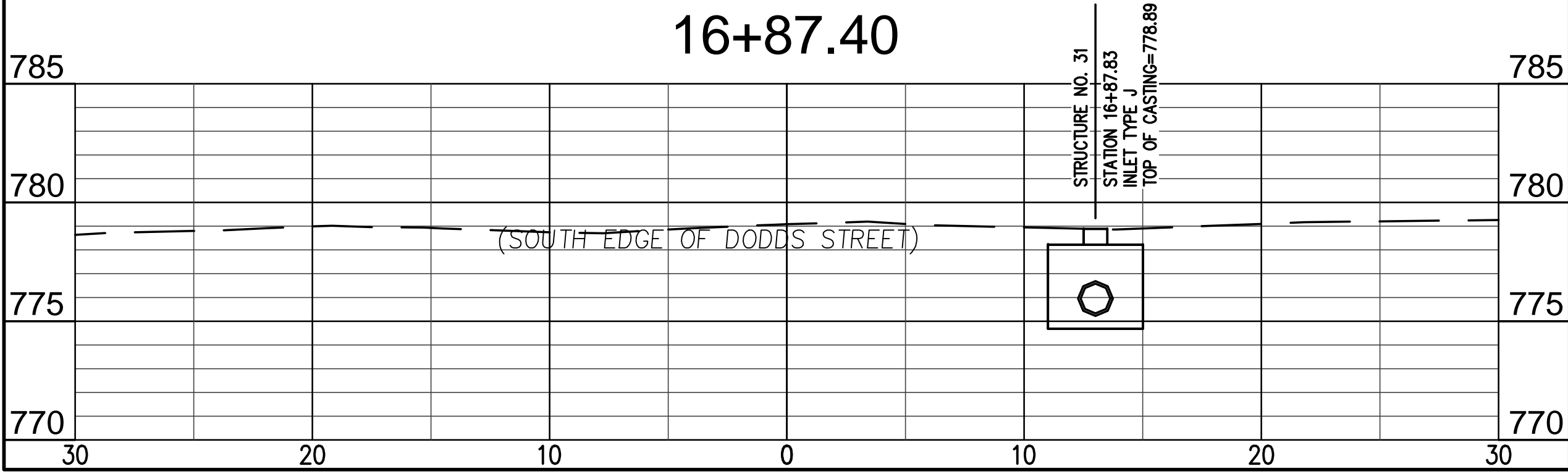
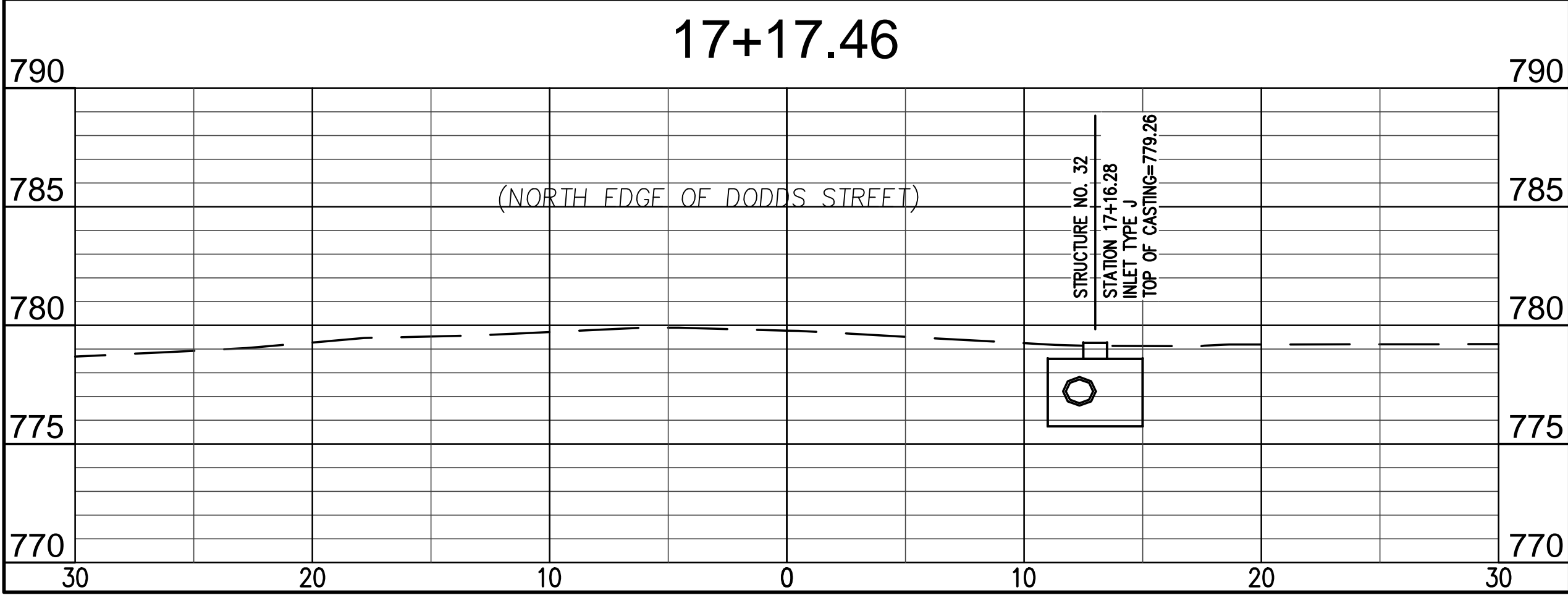
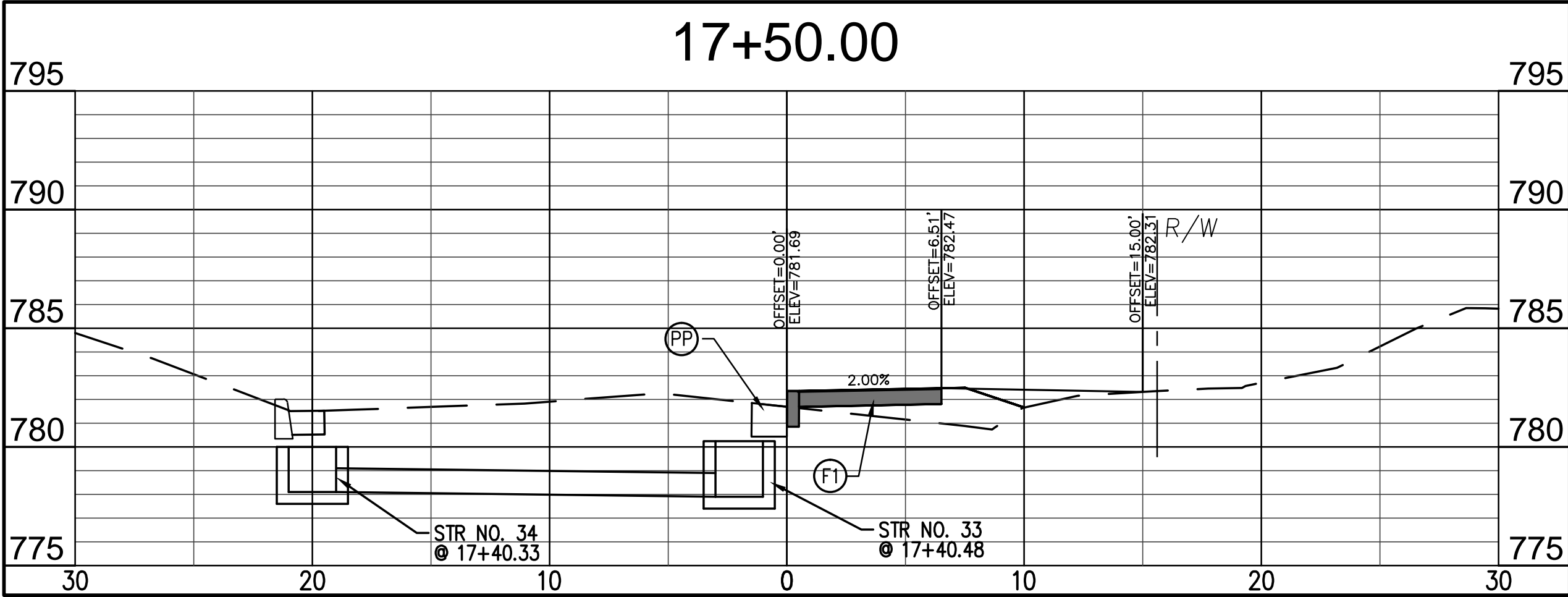
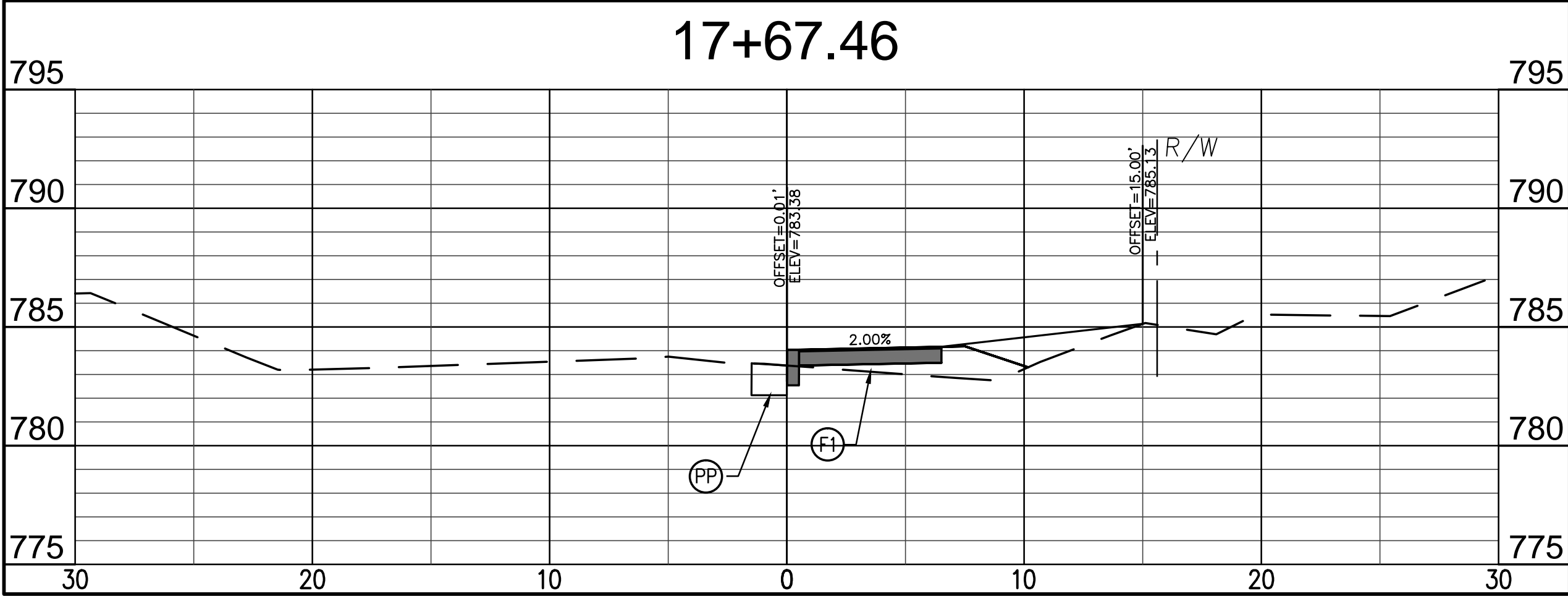
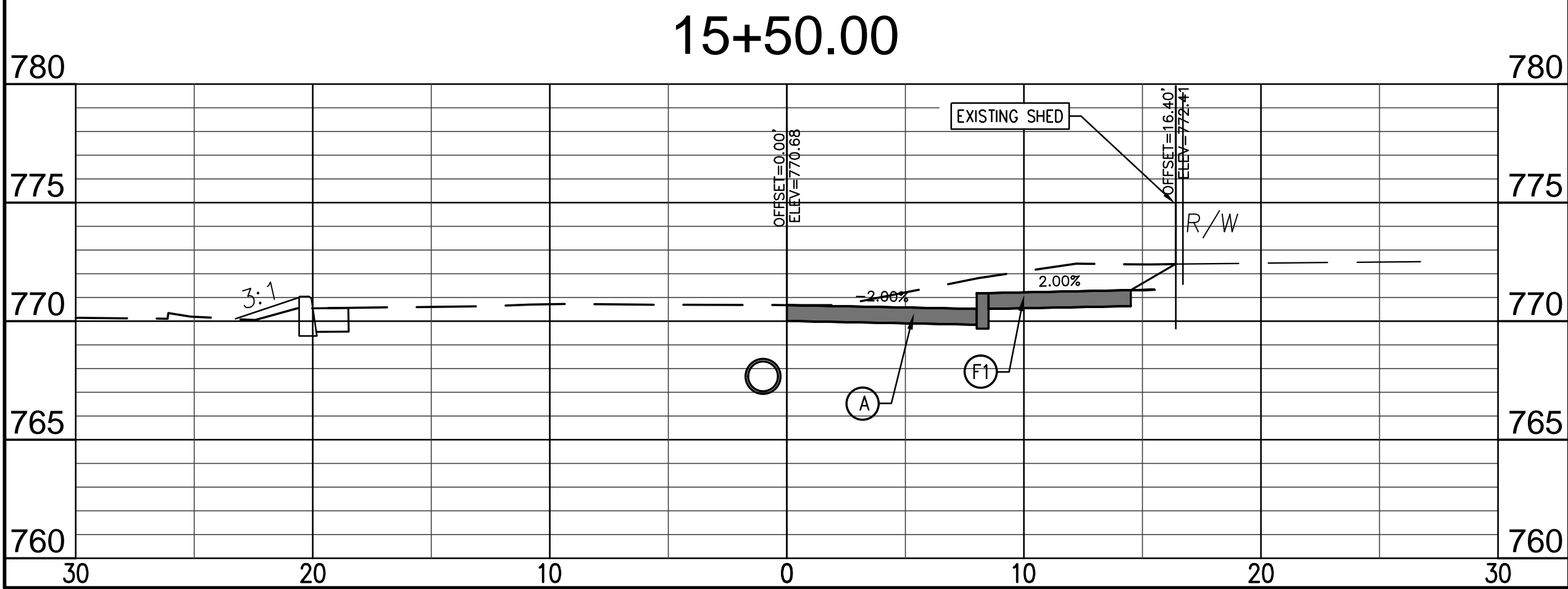
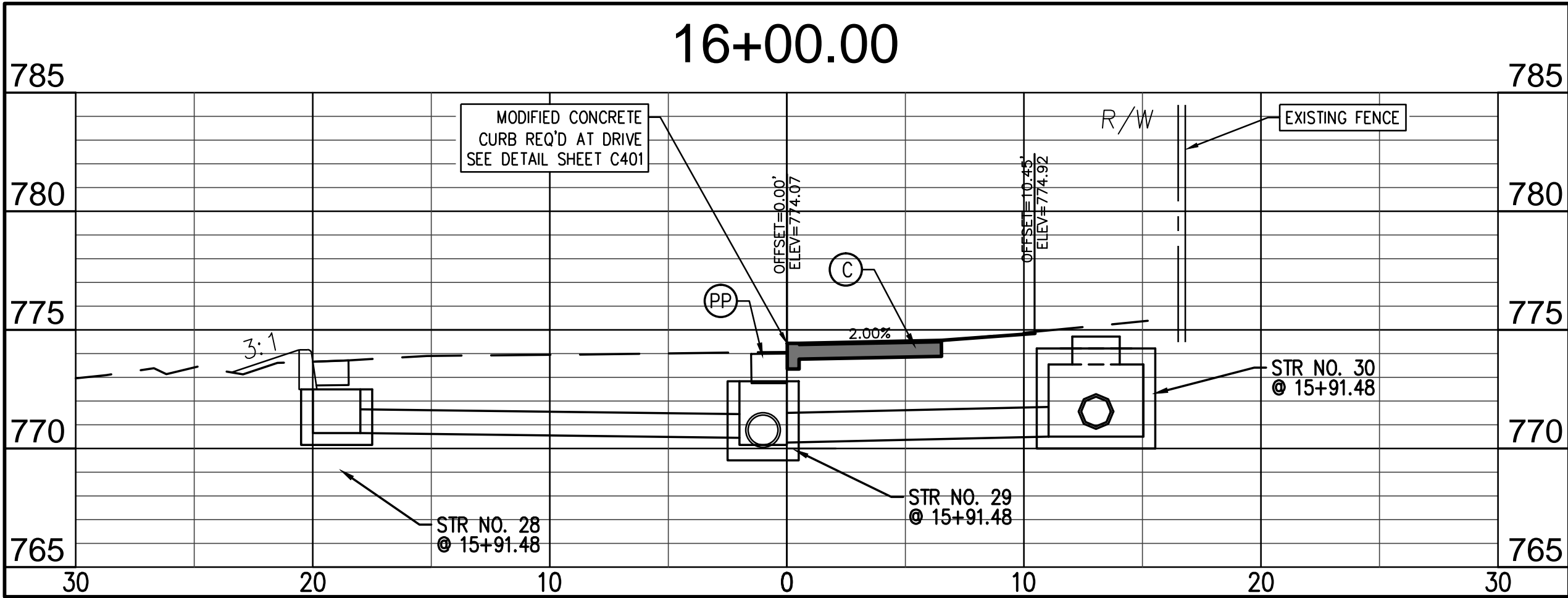
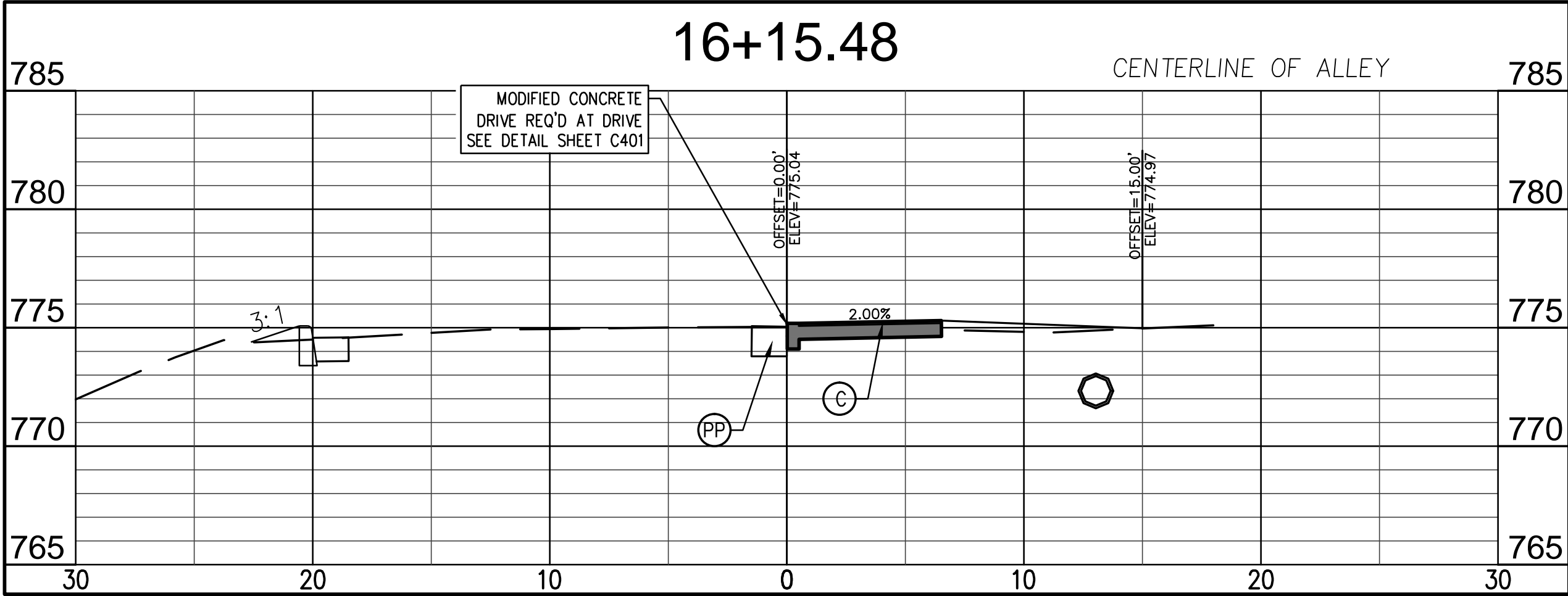
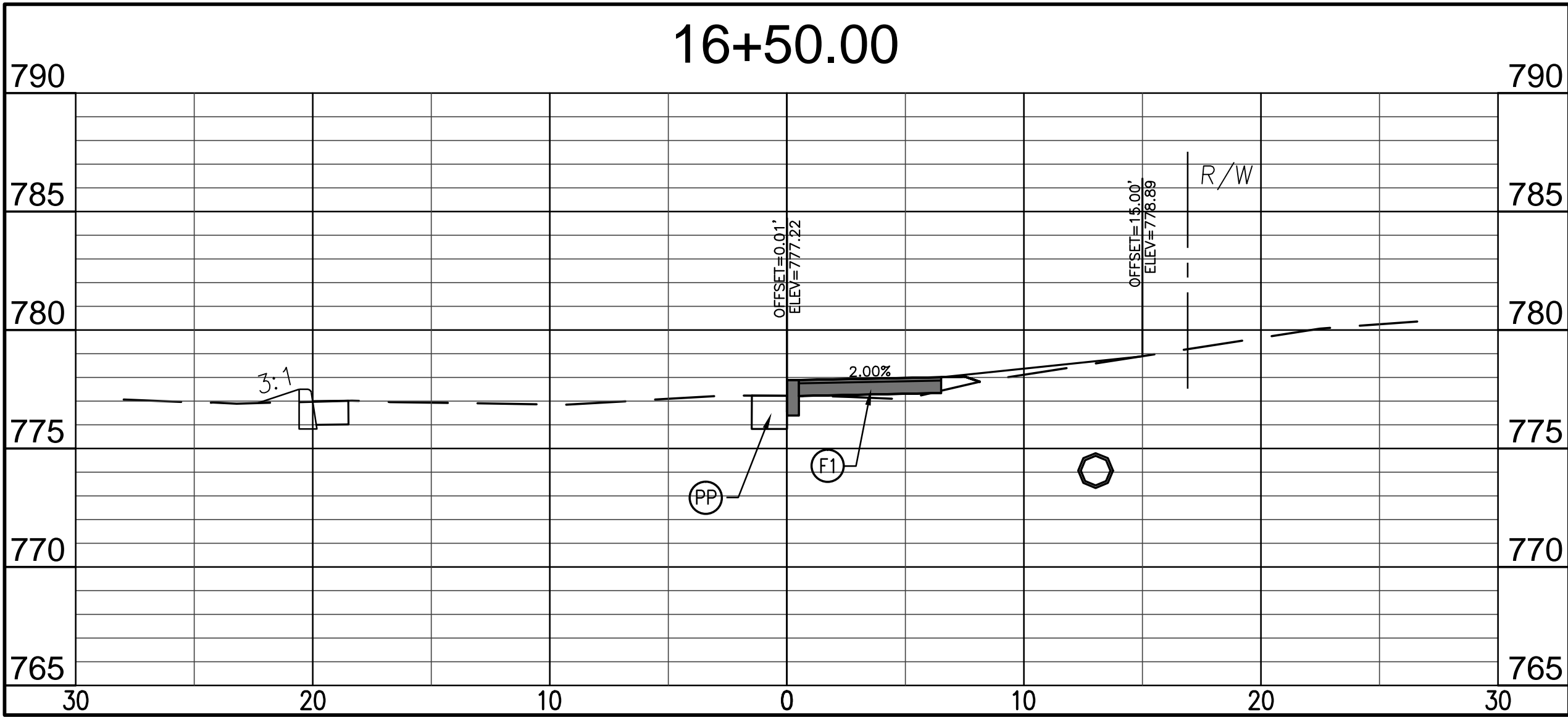
BYNUM FANYO & ASSOCIATES, INC.
528 north walnut street
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STATE OF INDIANA
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PROPOSED
FAIRVIEW STREET SIDEWALK PROJECT
FROM ALLEN STREET TO WYLIE STREET
BLOOMINGTON, INDIANA

title: FAIRVIEW STREET
CROSS
SECTIONS

designed by: DJB
drawn by: DJB
checked by: JSF
sheet no: C302
project no.: 401449



revisions:

ARCHITECTURE
CIVIL ENGINEERING
PLANNING
bloomington, indiana
(812) 339-2990 (Fax)

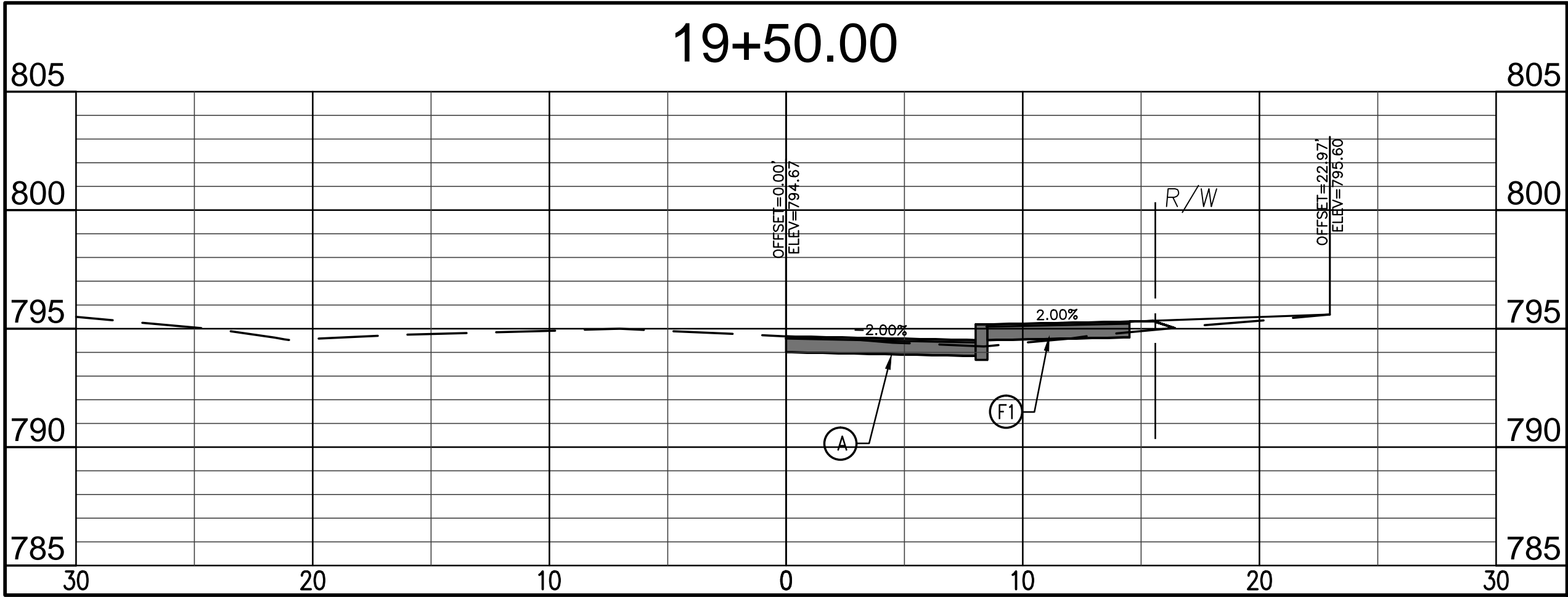
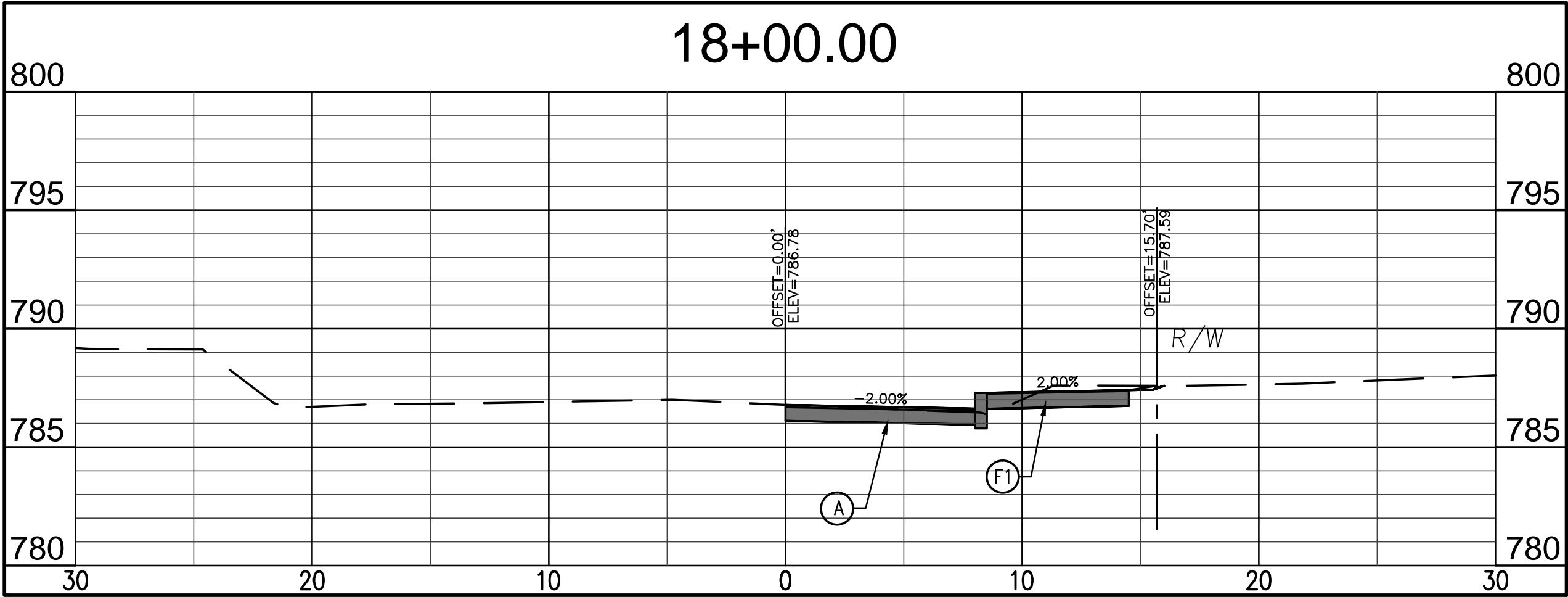
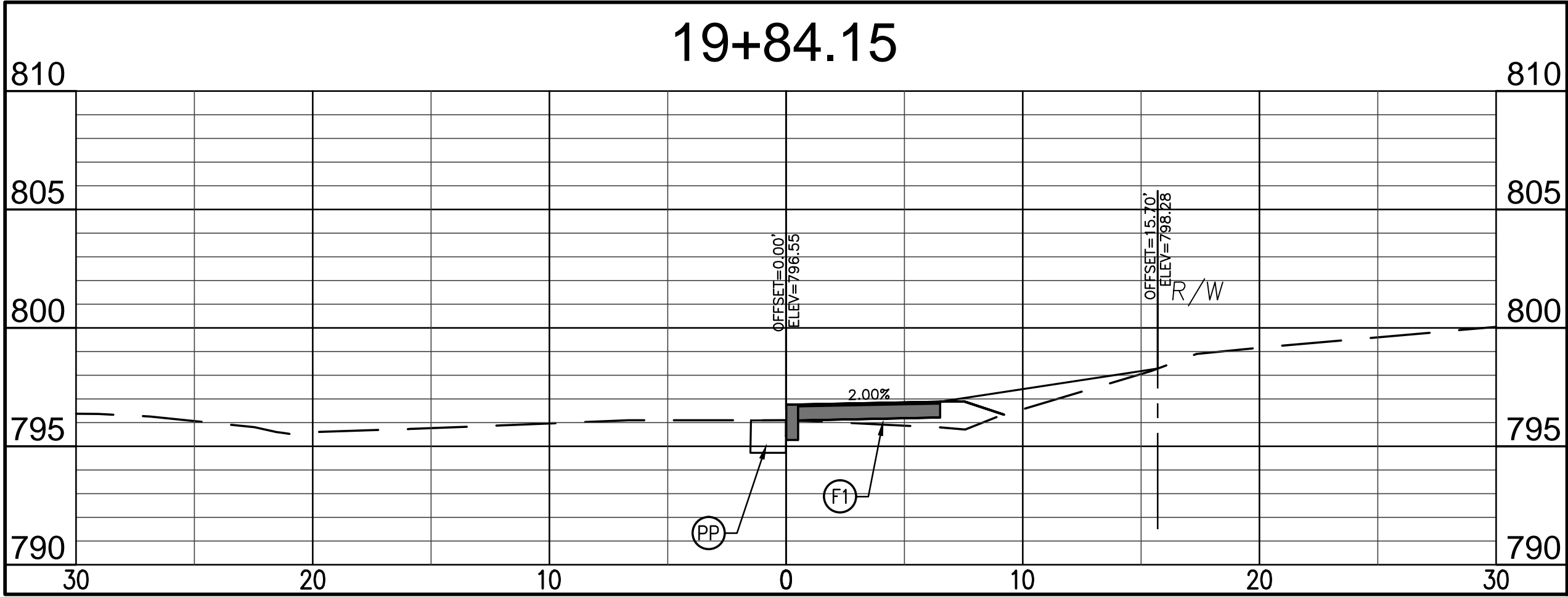
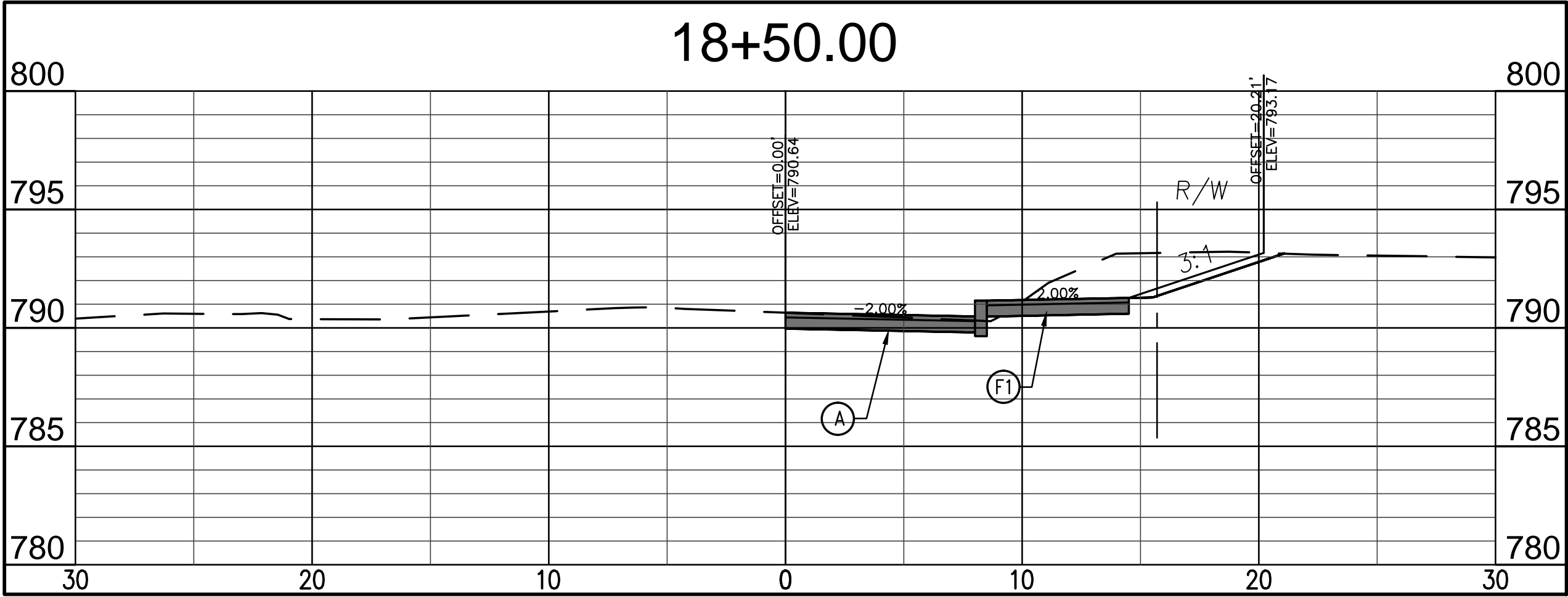
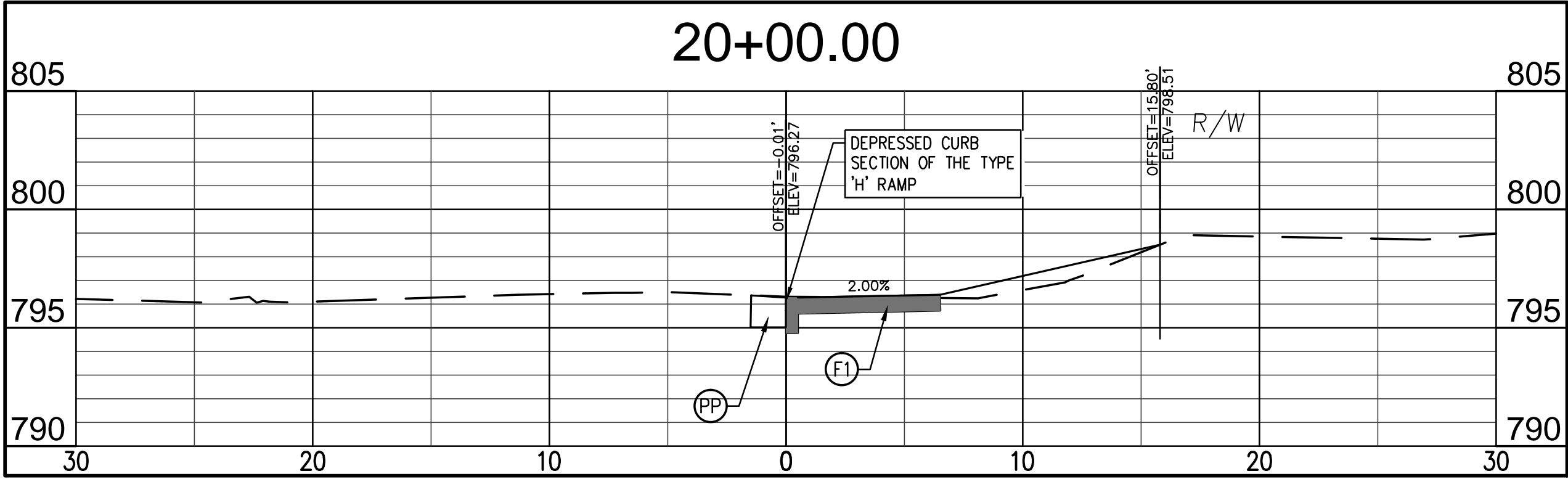
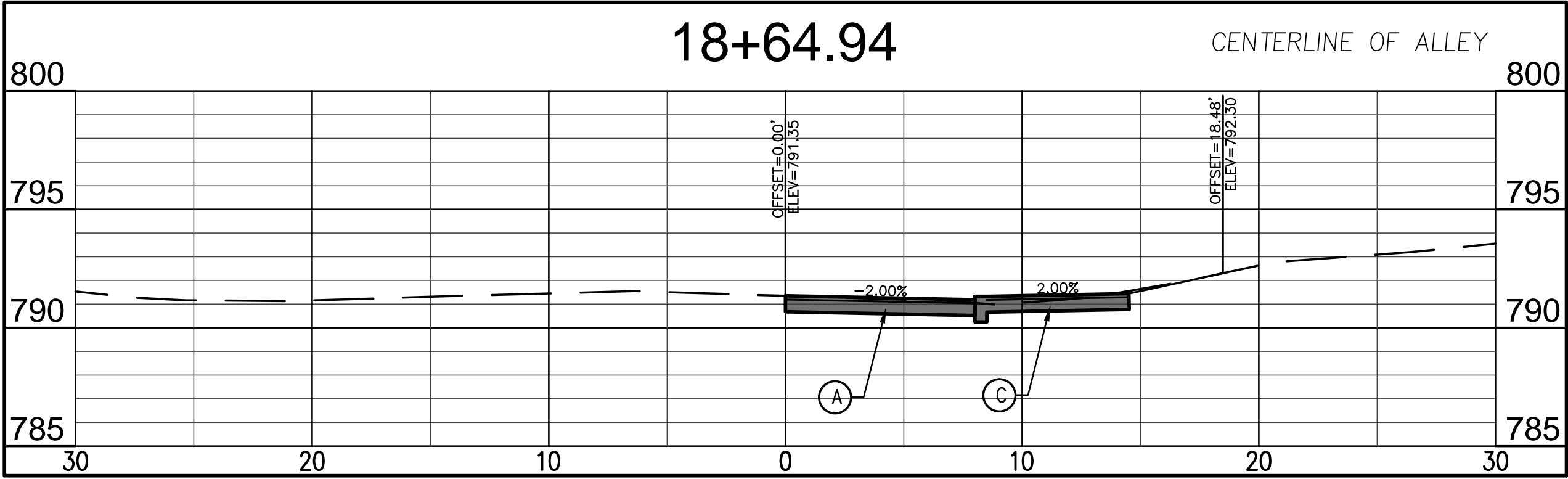
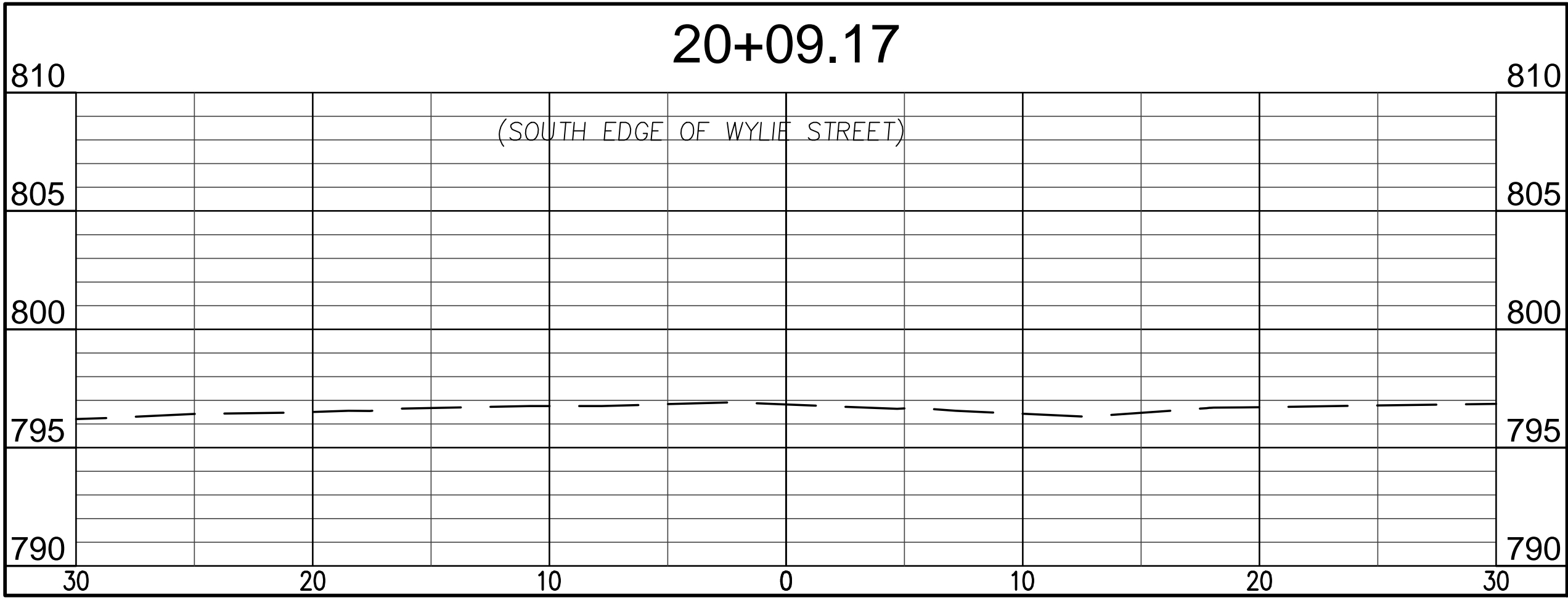
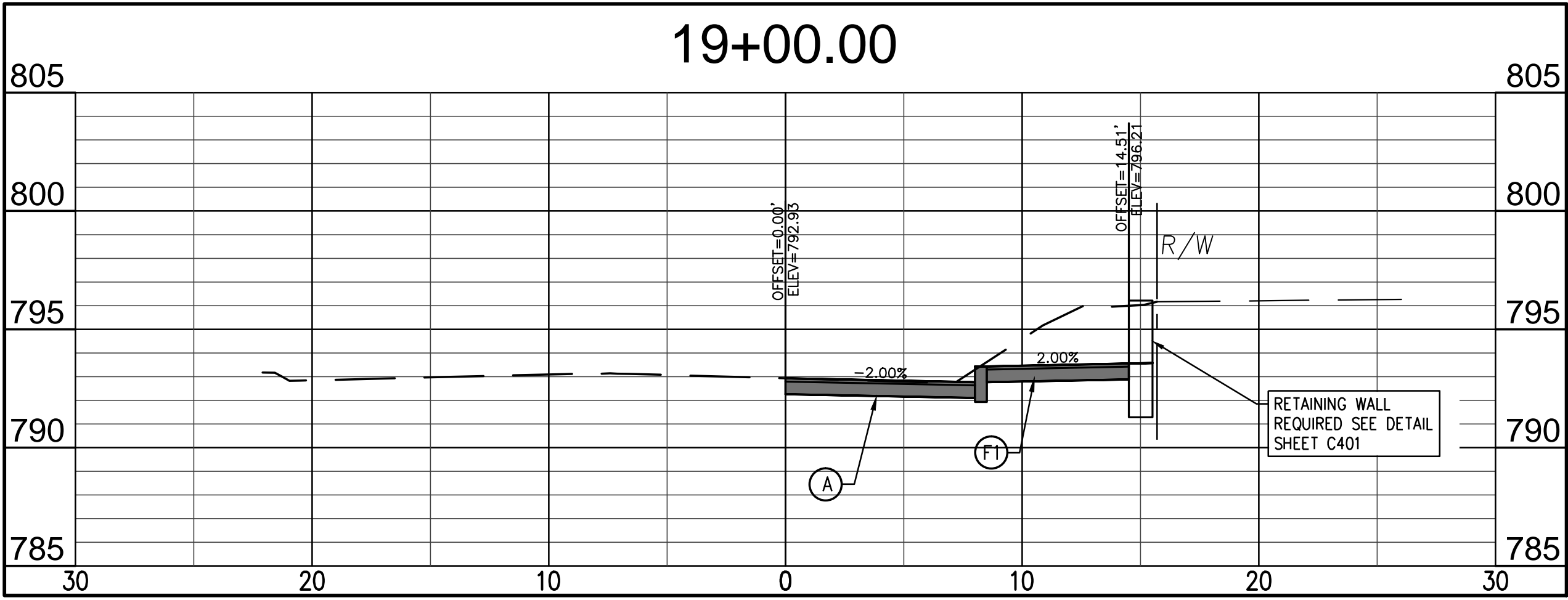
BYNUM FANYO & ASSOCIATES, INC.
528 north walnut street
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JEFFREY S. FANYO
No. 18283
STATE OF INDIANA
PROFESSIONAL ENGINEER
certified by *[Signature]*

PROPOSED
FAIRVIEW STREET SIDEWALK PROJECT
FROM ALLEN STREET TO WYLIE STREET
BLOOMINGTON, INDIANA

title: FAIRVIEW STREET
CROSS
SECTIONS

designed by: DJB
drawn by: DJB
checked by: JSF
sheet no: C303
project no.: 401449



revisions:

ARCHITECTURE
CIVIL ENGINEERING
PLANNING

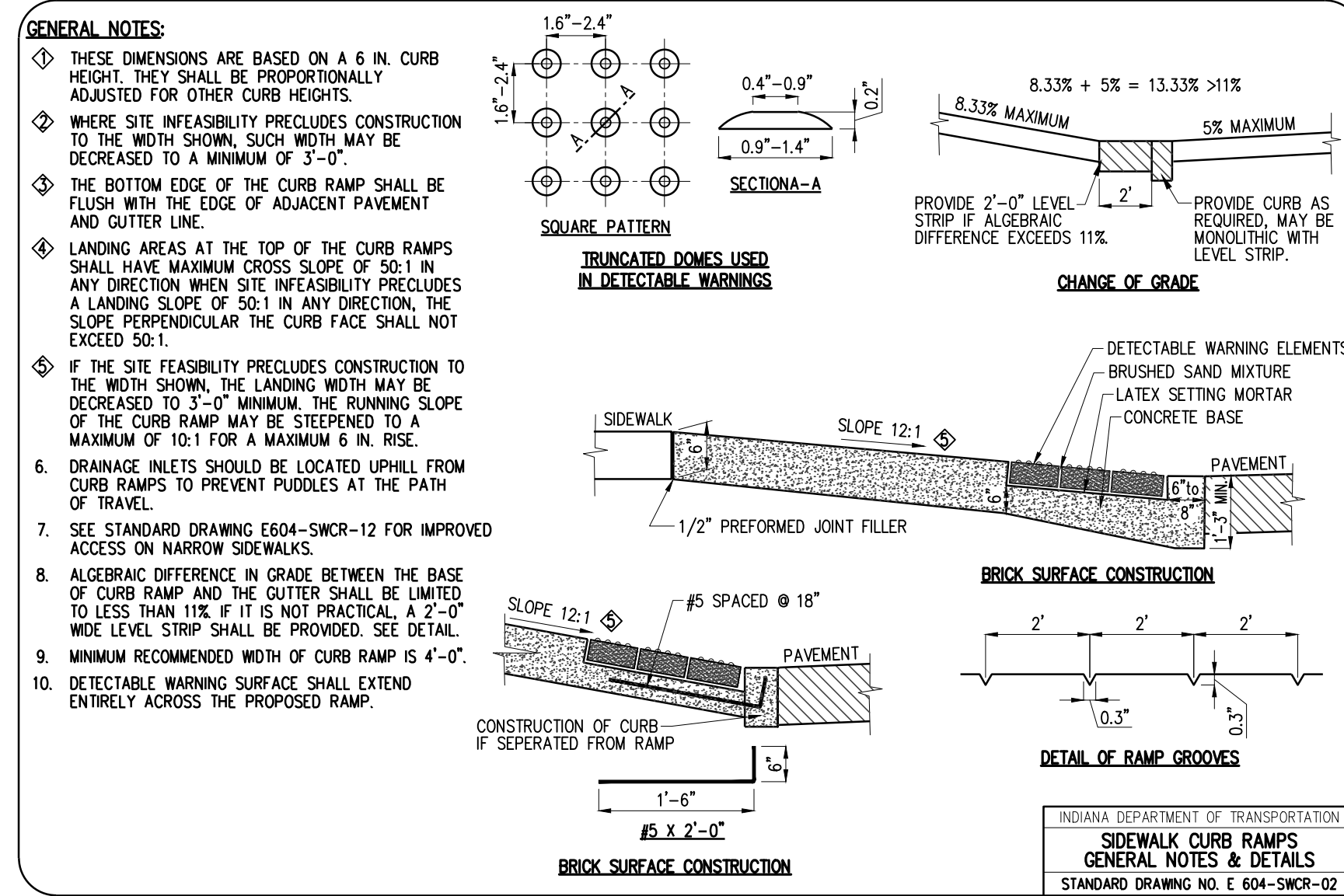
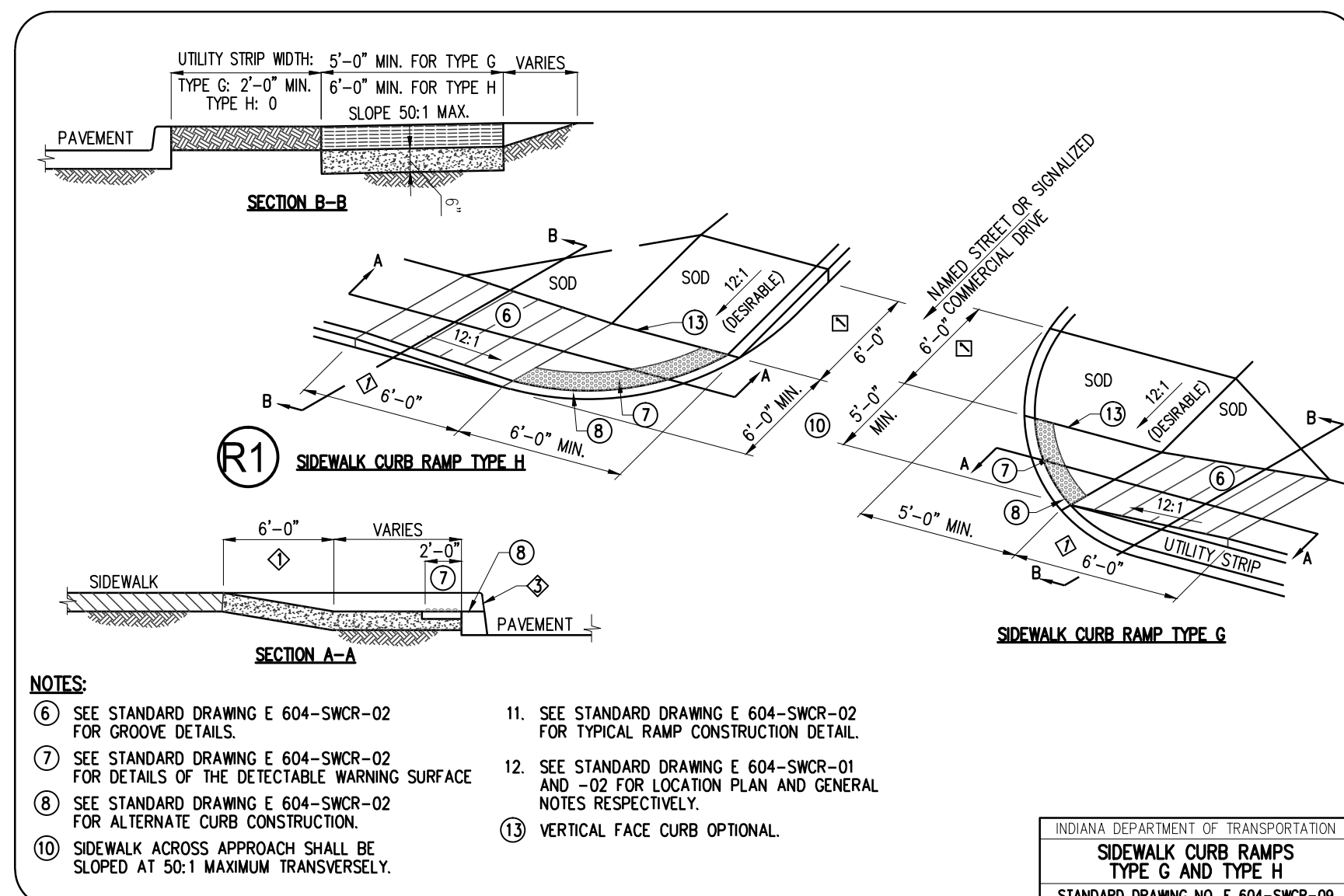
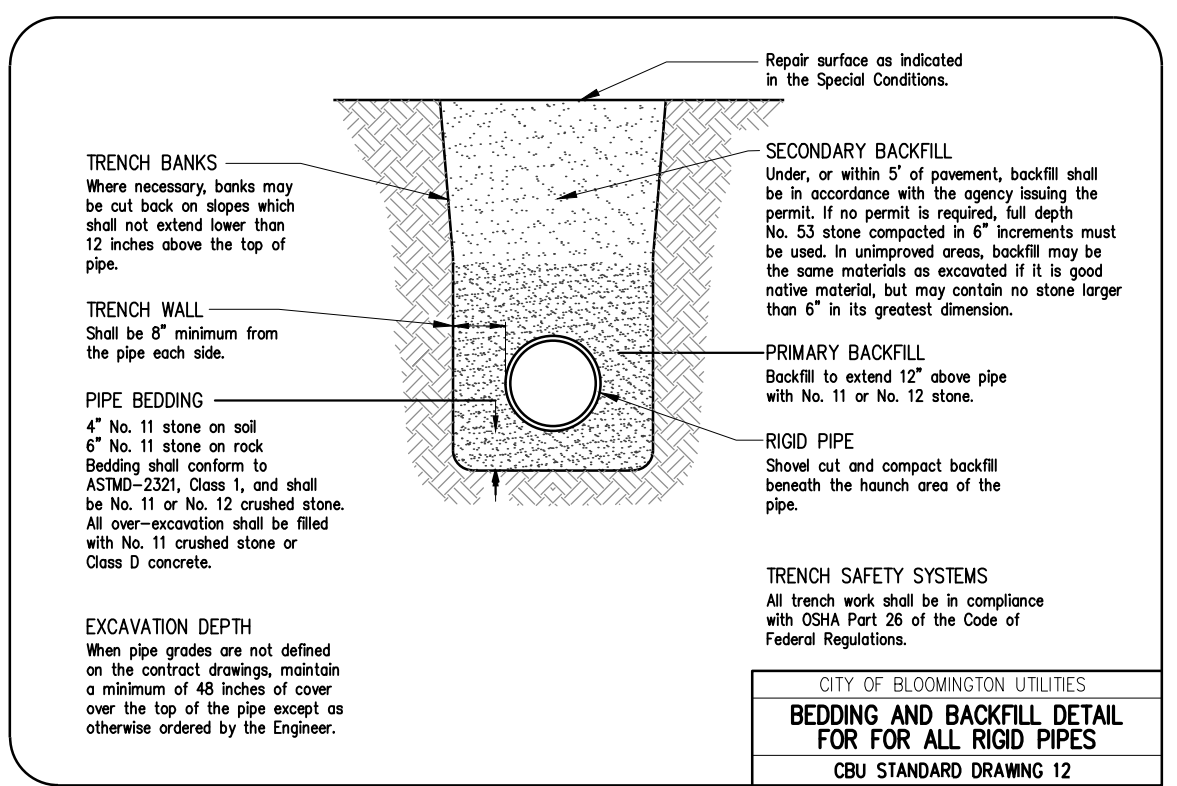
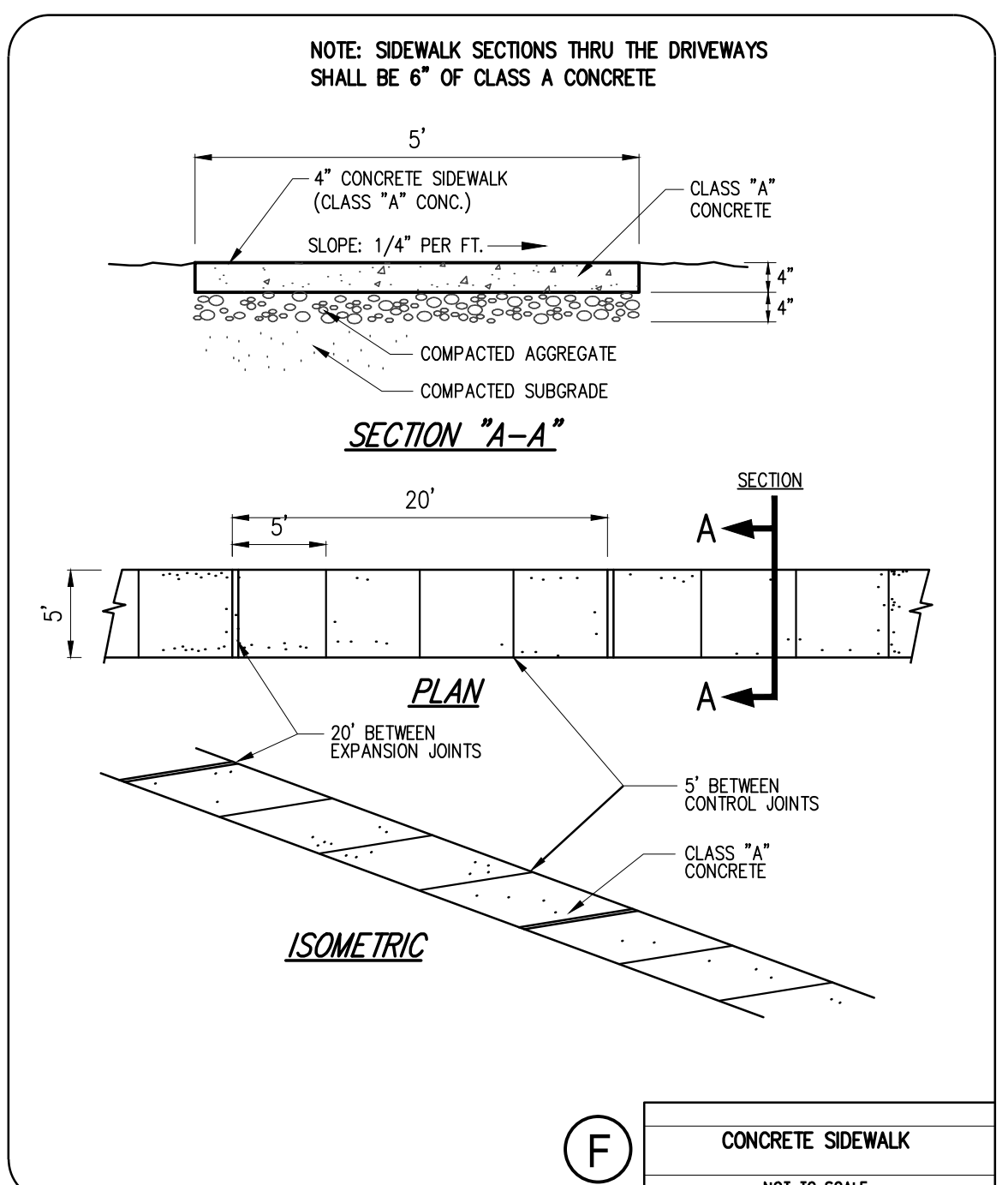
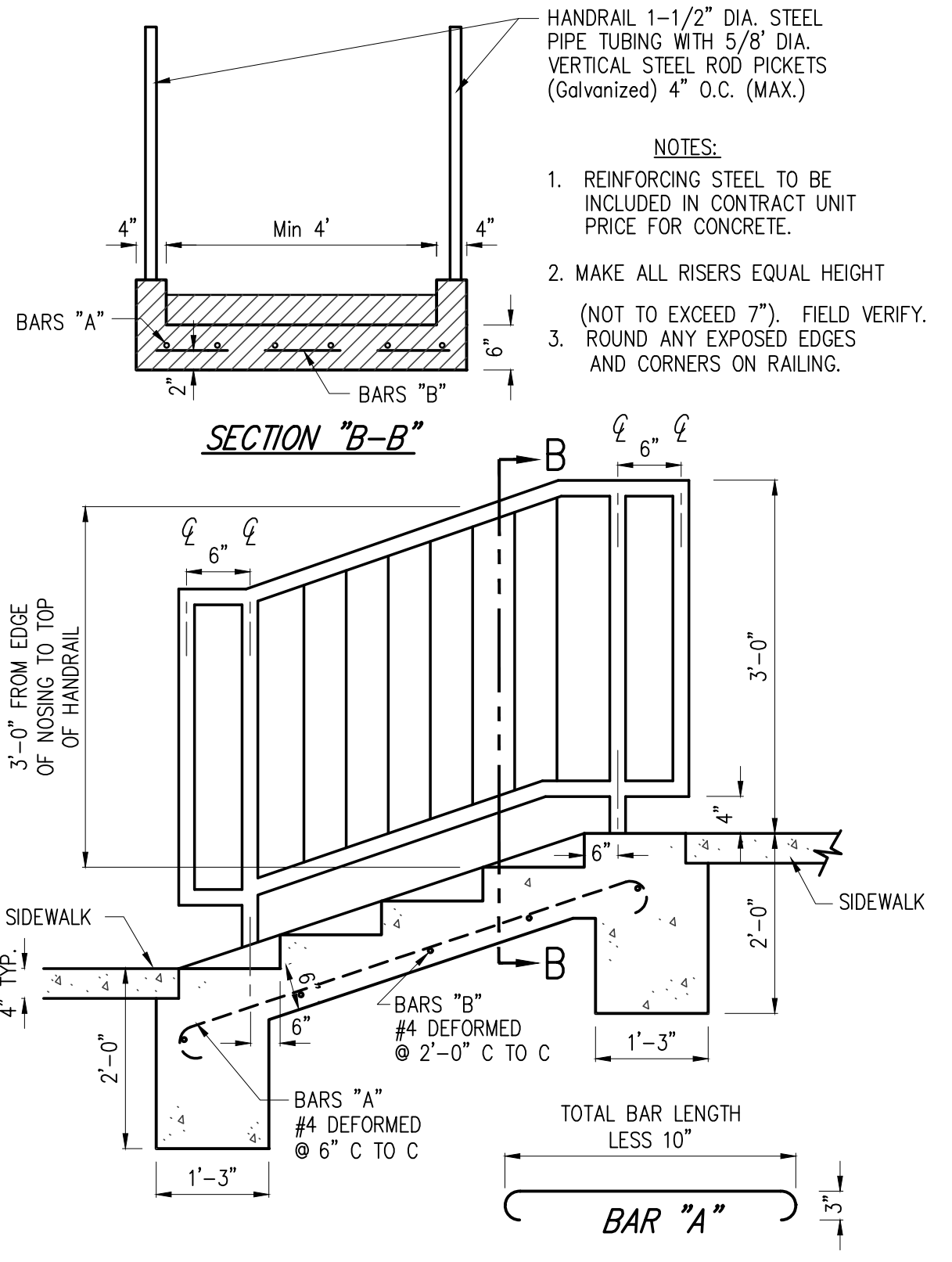
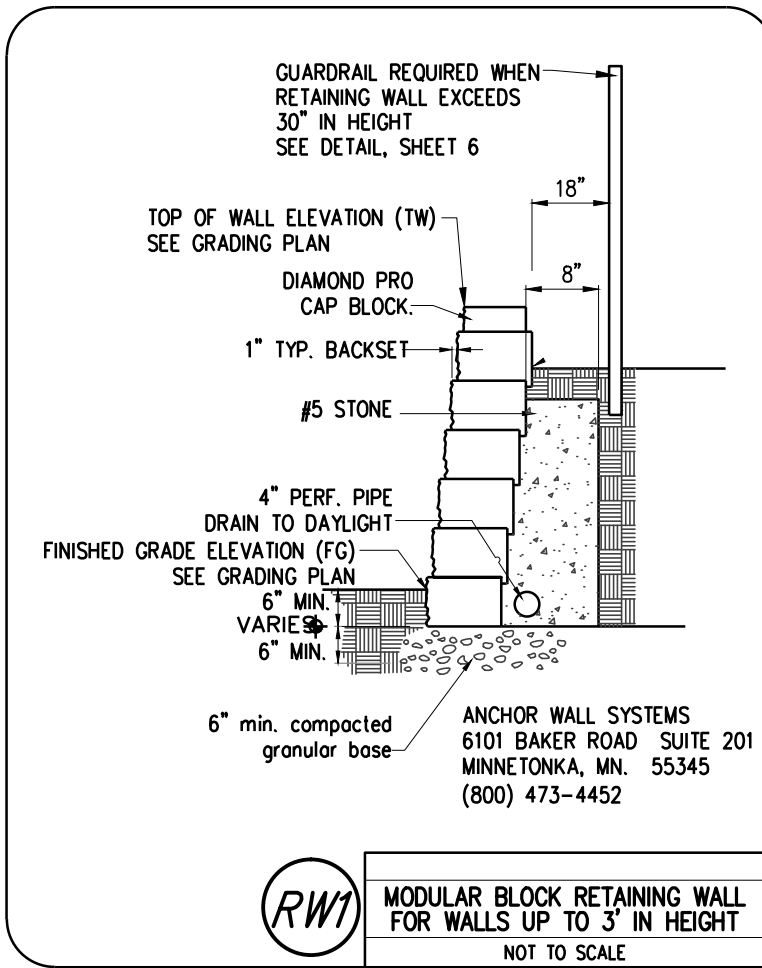
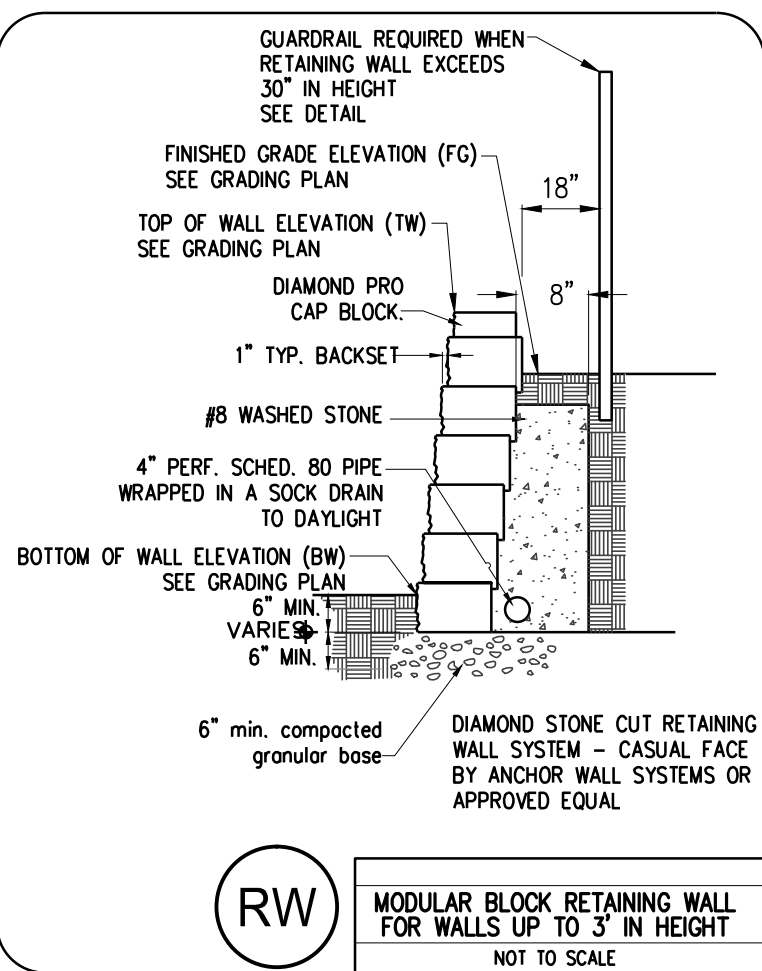
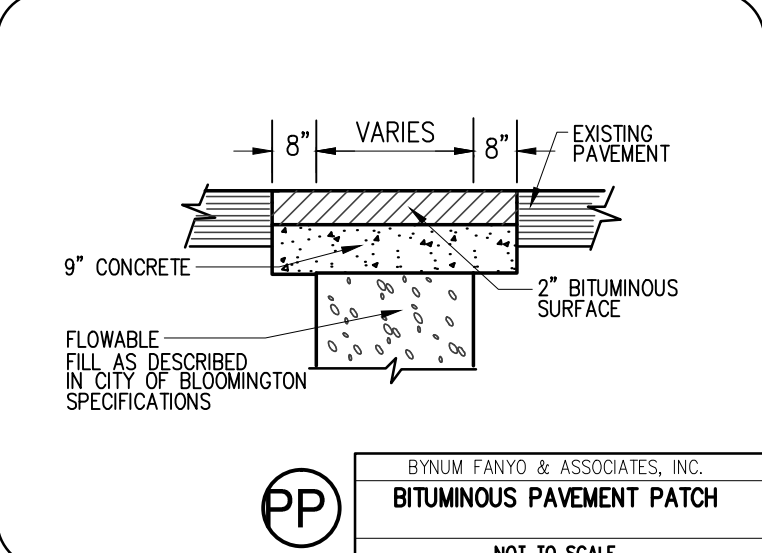
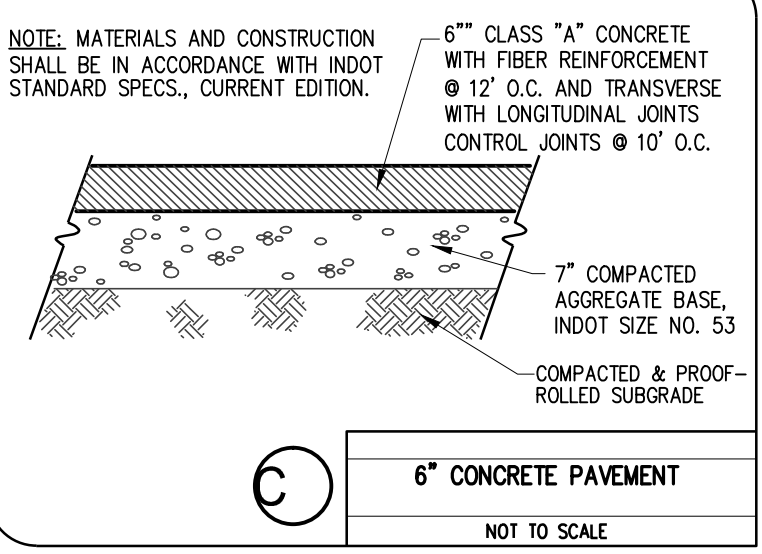
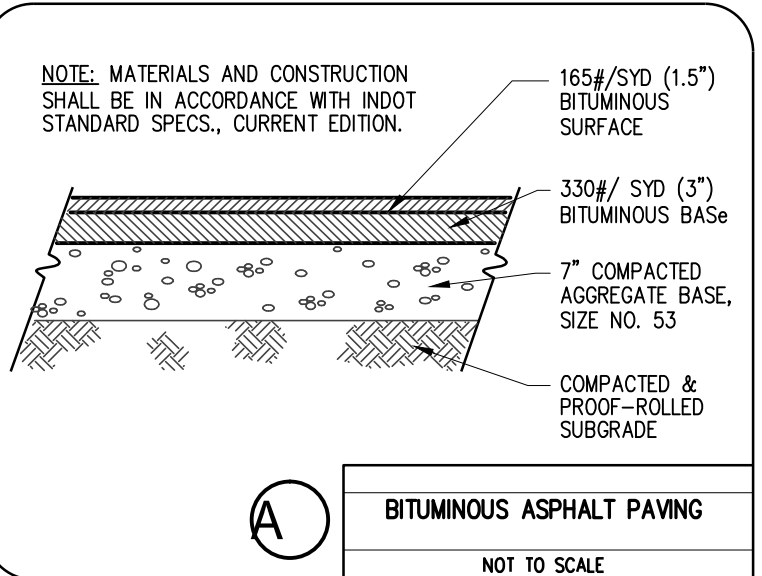
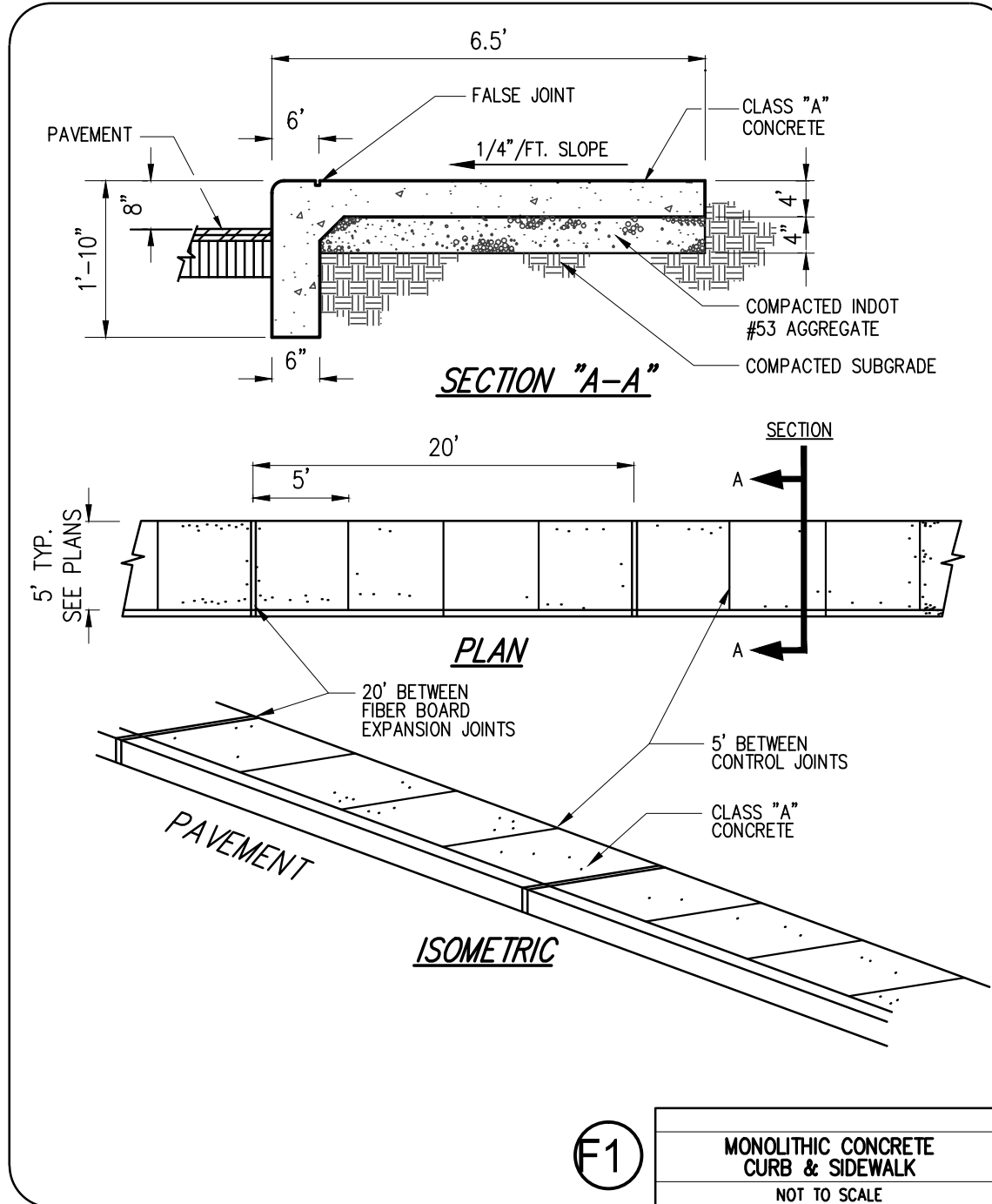
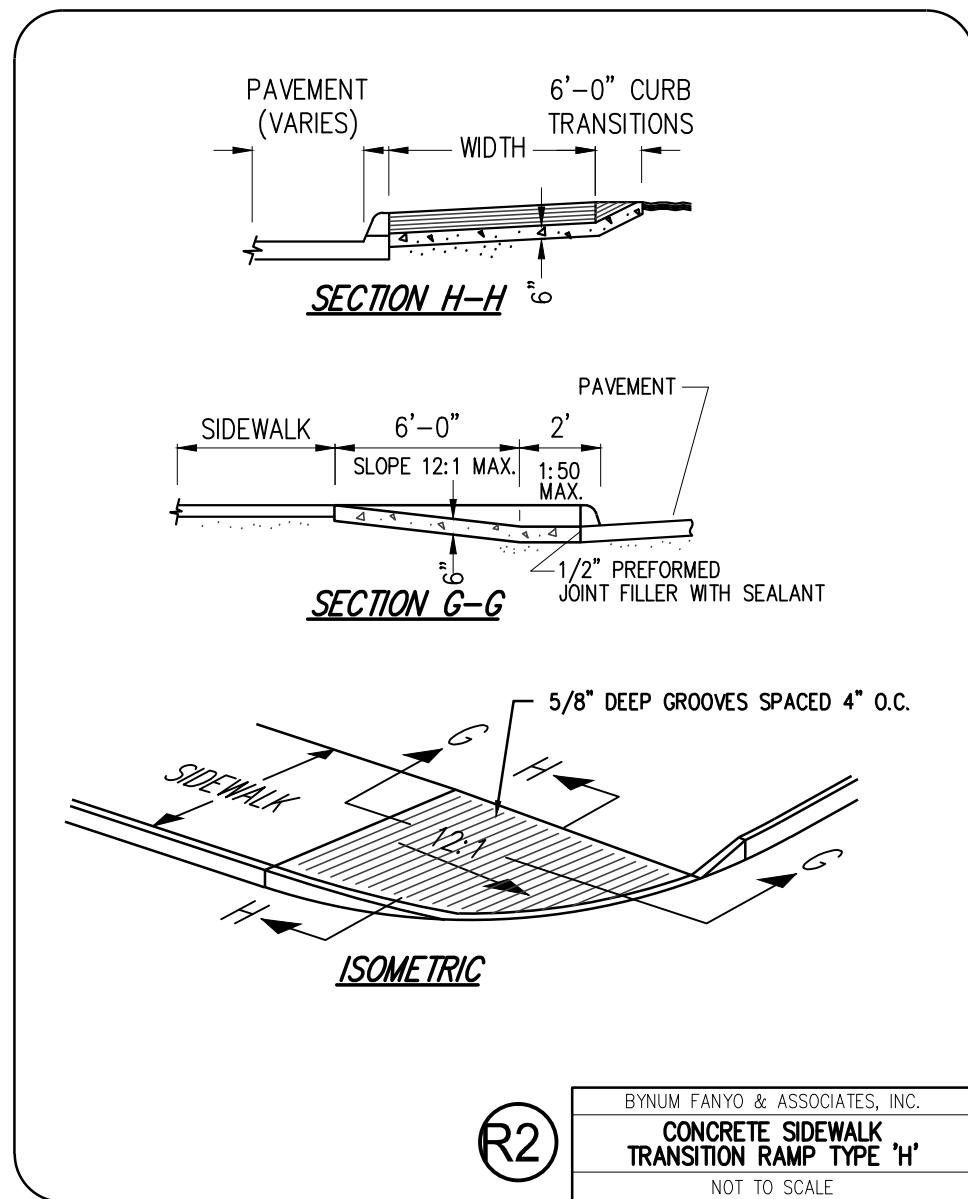
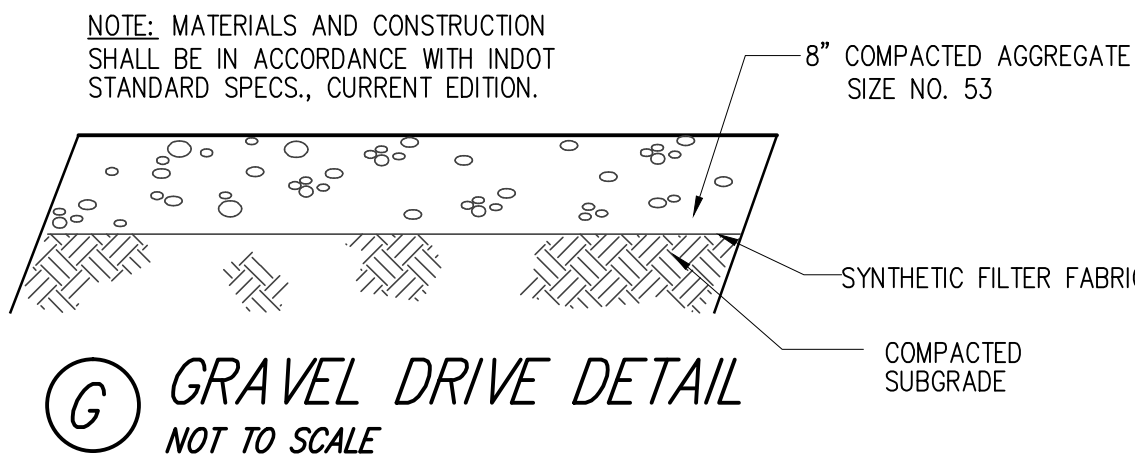
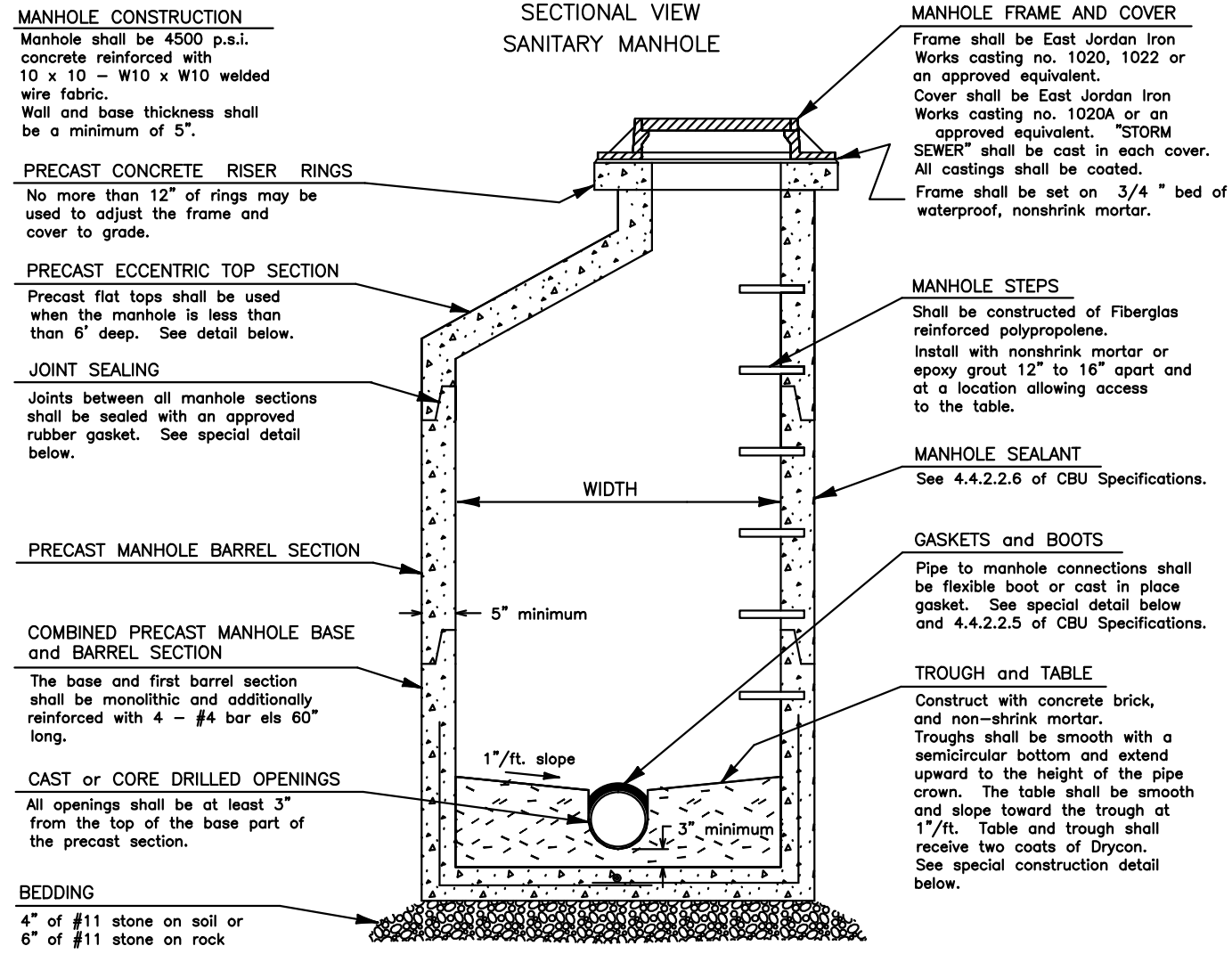
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JEFFREY S. FANYO
No. 18283
STATE OF INDIANA
PROFESSIONAL ENGINEER
certified by

PROPOSED
FAIRVIEW STREET SIDEWALK PROJECT
FROM ALLEN STREET TO WYLIE STREET
BLOOMINGTON, INDIANA

title: FAIRVIEW STREET
CROSS
SECTIONS

designed by: DJB
drawn by: DJB
checked by: JSF
sheet no: C304
project no.: 401449



STEPS & HANDRAIL DETAIL
(4 OR MORE RISERS)
NOT TO SCALE

NOTE TO CONTRACTOR

CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS & DEPTHS AND NOTIFY ENGINEER OF ANY INACCURACIES IN LOCATION OR ELEVATION OR ANY CONFLICTS PRIOR TO & AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE TO CONTRACTOR FOR UTILITY DESTRUCTION OR UNDERGROUND CHANGES REQUIRED DUE TO CONFLICTING ELEVATIONS.

revisions:
11-13-15 - ADDED GRAVEL DRIVE DETAIL

ARCHITECTURE
CIVIL ENGINEERING
PLANNING

BYNUM FANYO & ASSOCIATES, INC.

528 north walnut street
(812) 332-8030

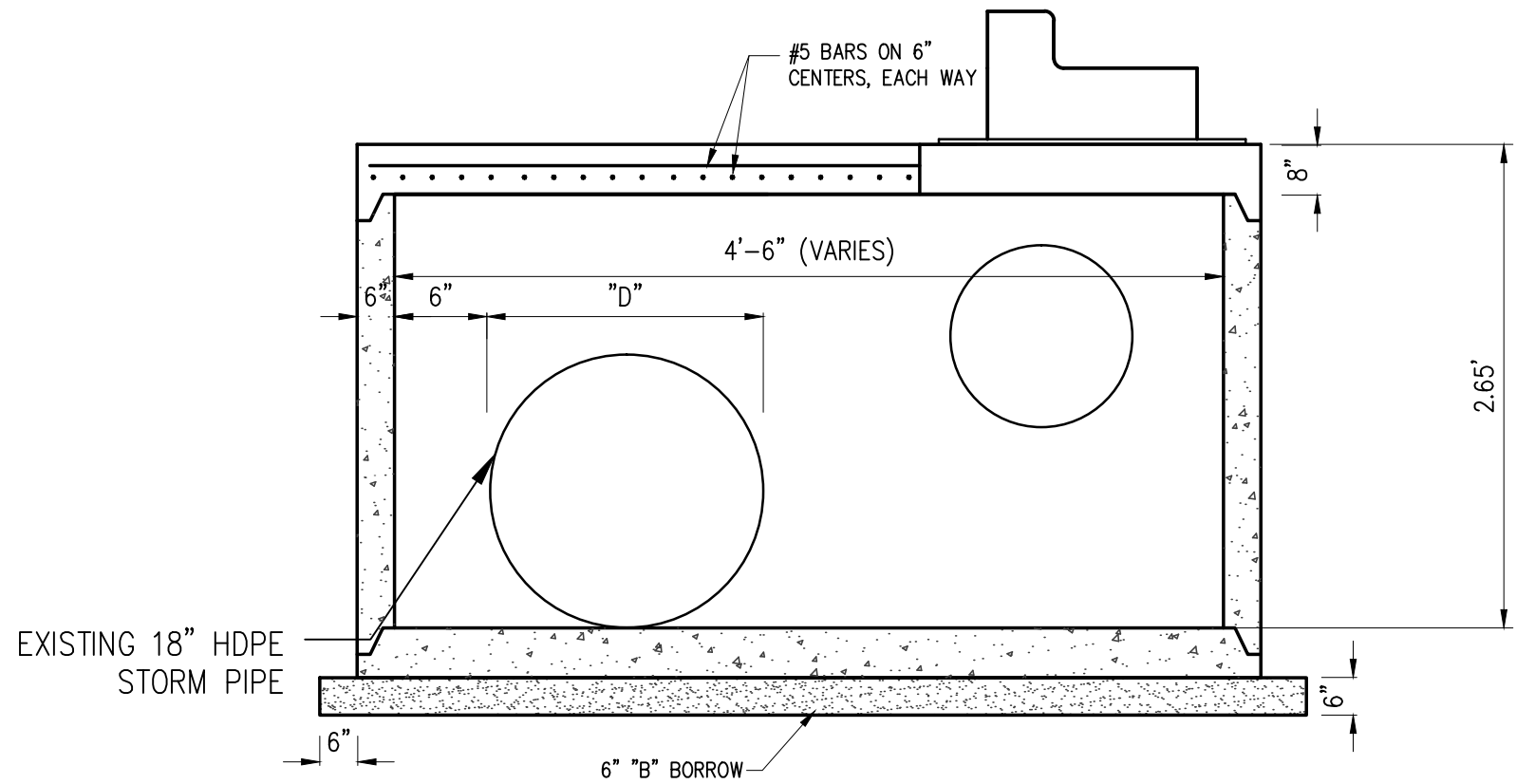
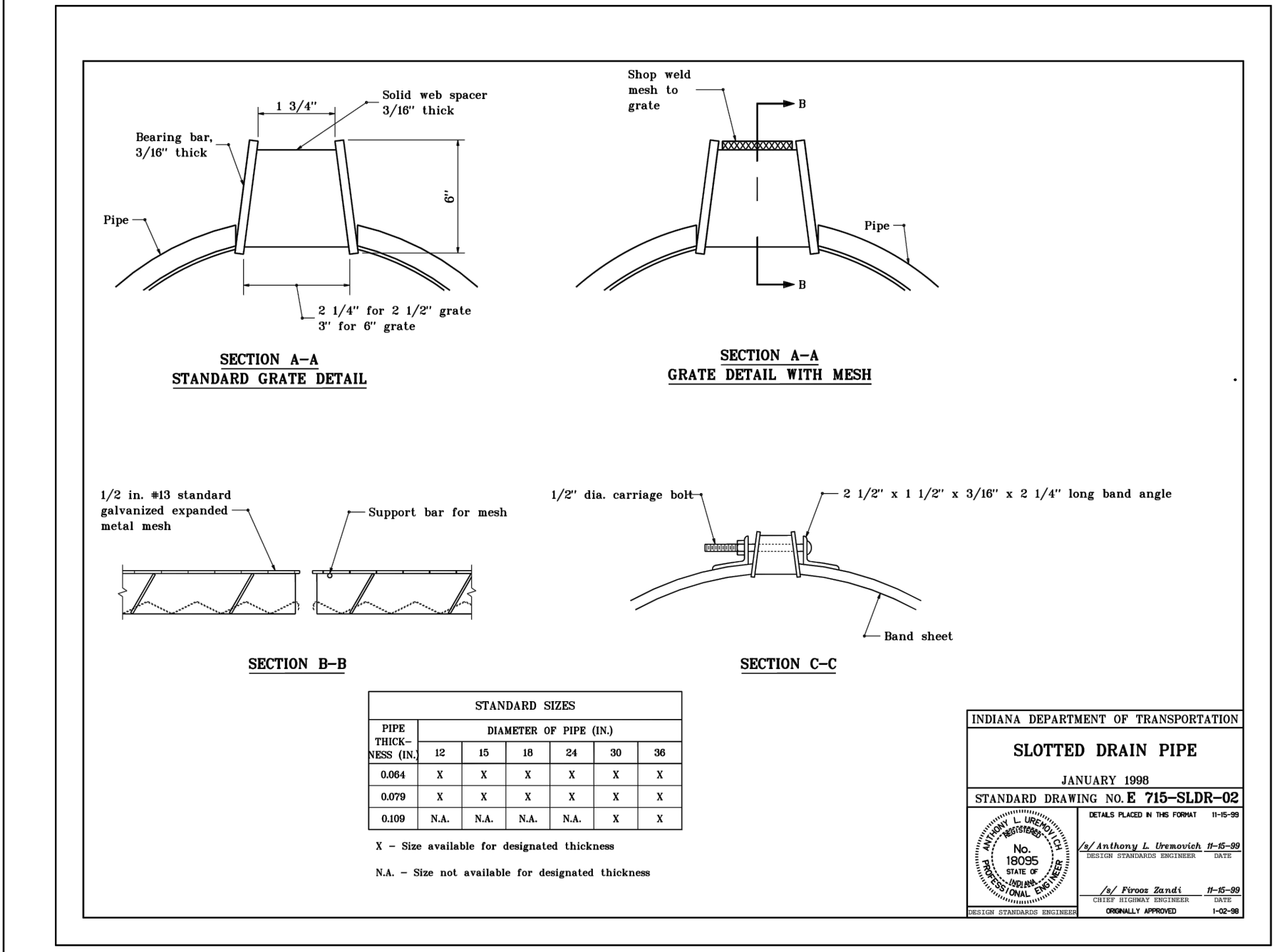
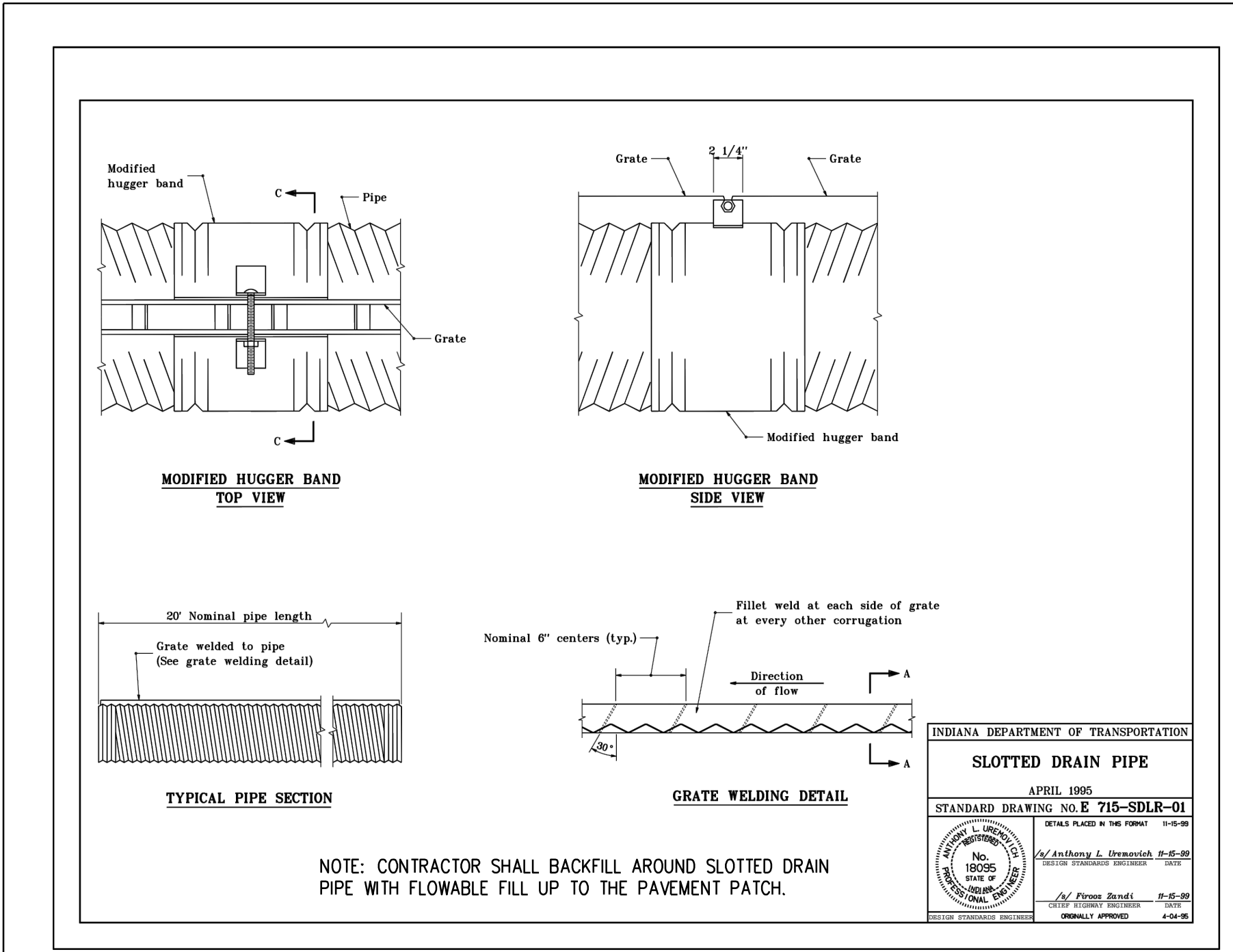
JEFFREY S. FANYO
No. 18283
STATE OF INDIANA
PROFESSIONAL ENGINEER

certified by *gm*

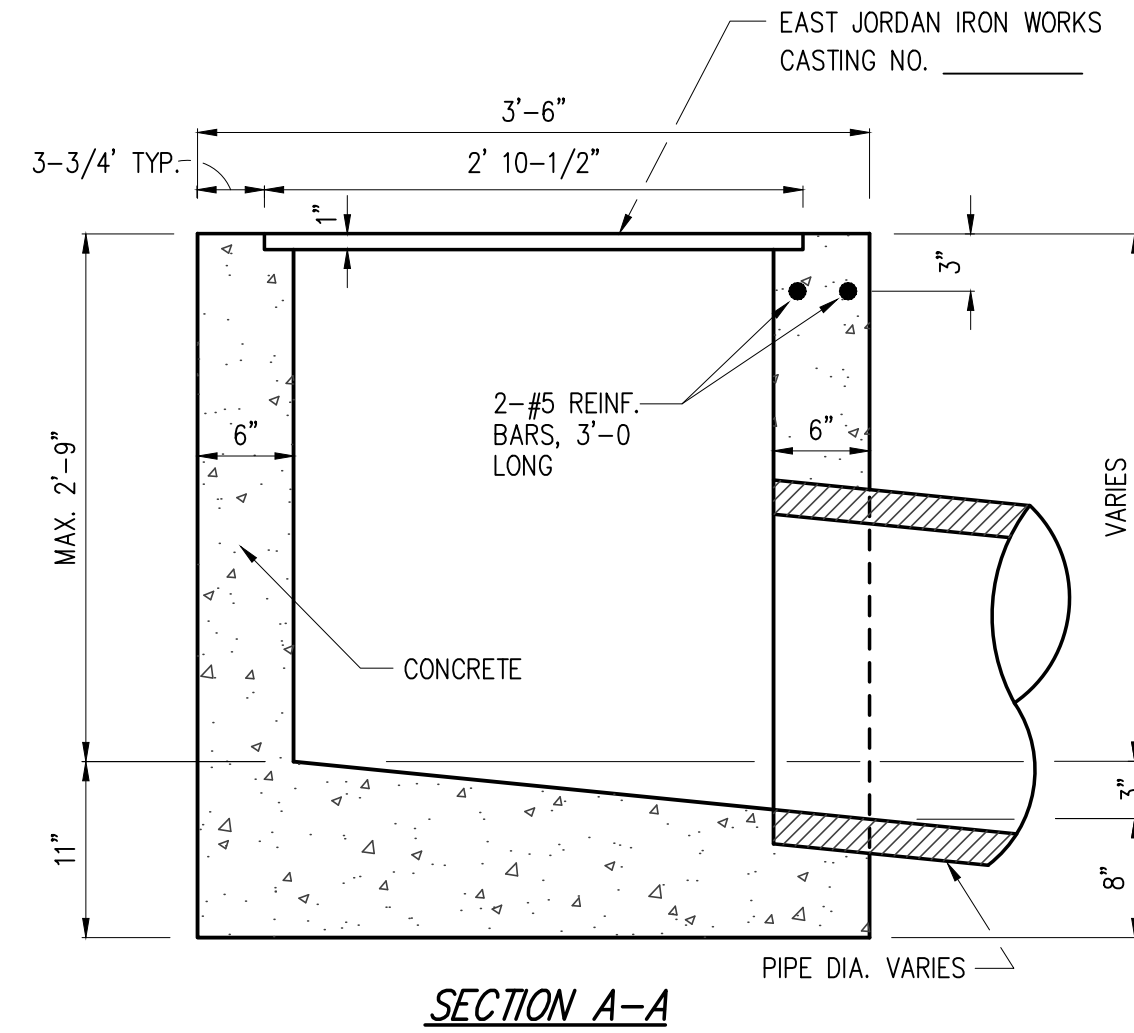
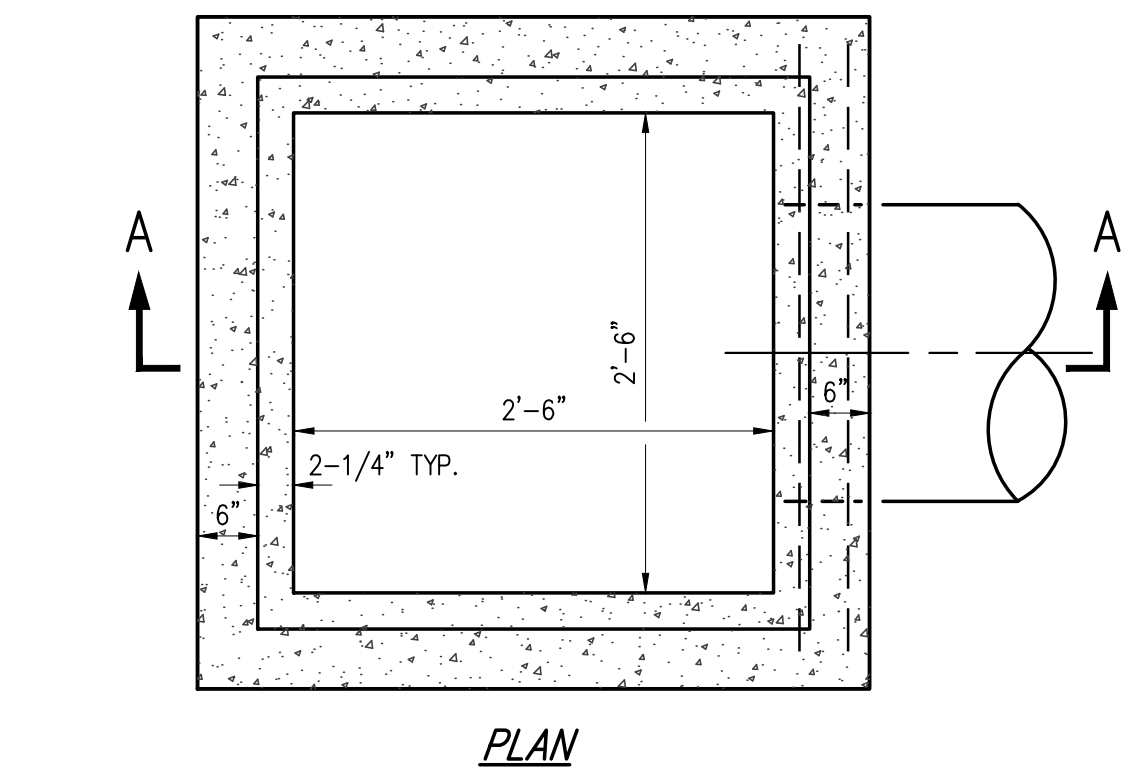
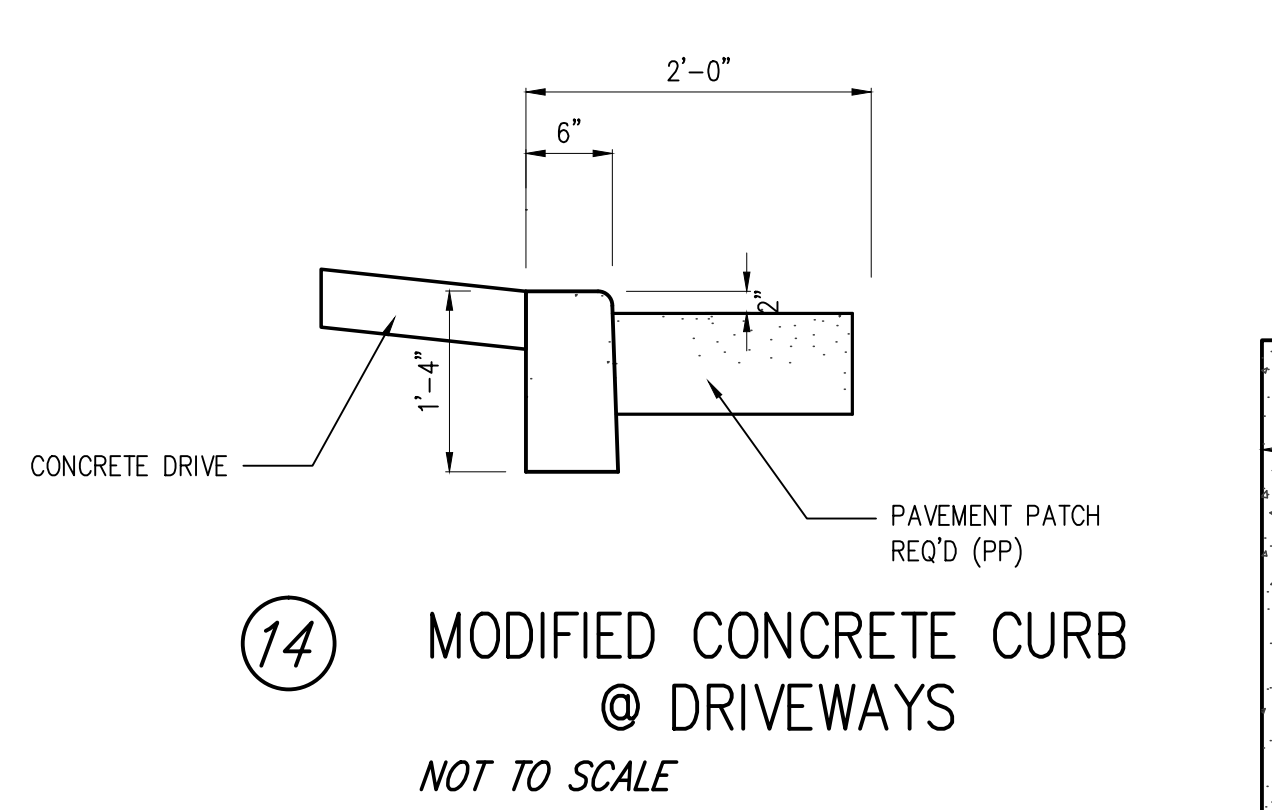
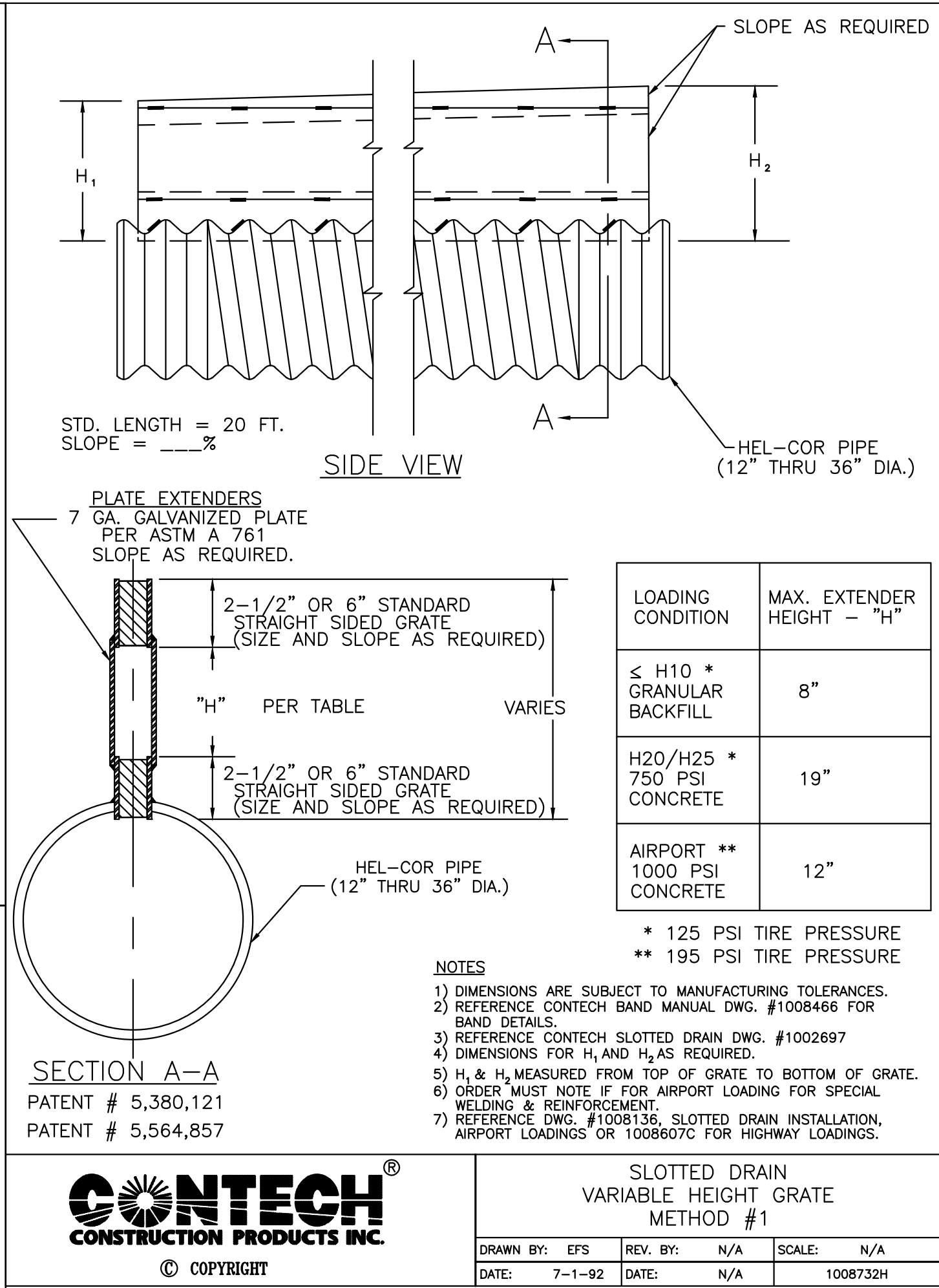
PROPOSED
FAIRVIEW STREET SIDEWALK PROJECT
FROM ALLEN STREET TO WYLIE STREET
BLOOMINGTON, INDIANA

title: MISCELLANEOUS DETAILS

designed by: DJB
drawn by: DJB
checked by: JSF
sheet no: C401
project no.: 401449



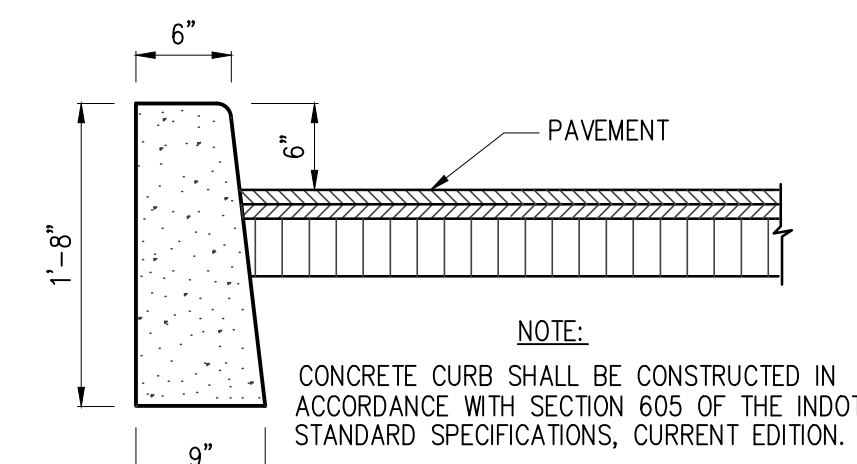
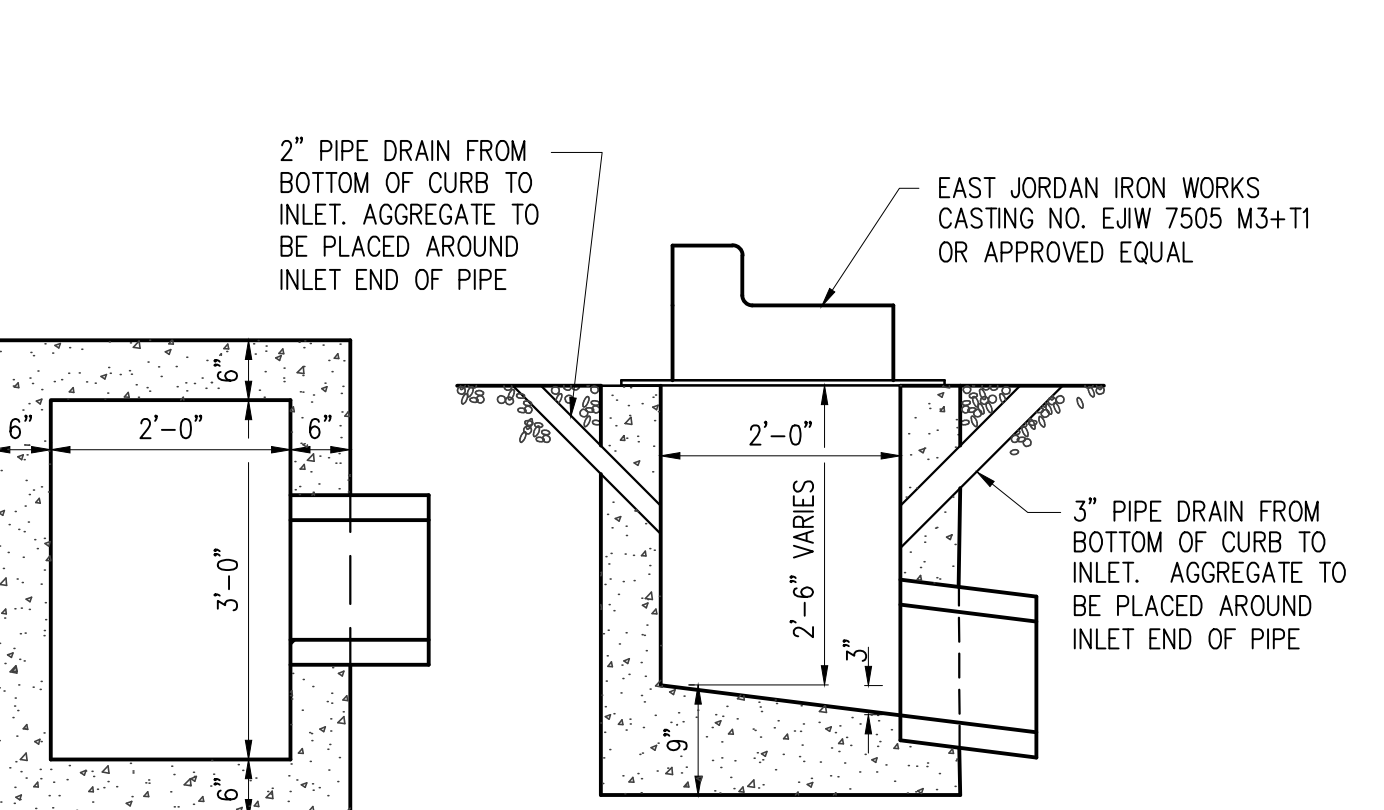
- NOTES:
1. ALL PRECAST MANHOLE MATERIAL SHALL CONFORM TO ASTM C-478 AND THE STANDARD SPECIFICATIONS (MIN. SQ. FT. OF REINFORCING STEEL PER LINEAR FOOT OF BARREL SHALL BE 0.12).
 2. JOINTS BETWEEN SECTIONS OF PRECAST MANHOLES SHALL BE IN ACCORDANCE WITH ASTM C-443.



- NOTES:
1. ALL PRECAST MANHOLES SHALL CONFORM TO ASTM C-478 AND THE STANDARD SPECIFICATIONS (MIN. SQ. FT. OF REINFORCING STEEL PER LINEAR FOOT OF BARREL SHALL BE 0.12).
 2. JOINTS BETWEEN SECTIONS OF PRECAST MANHOLES SHALL BE IN ACCORDANCE WITH ASTM C-443.

STORM INLET, INDOT TYPE "E"

NOT TO SCALE



CONCRETE CURB

NOT TO SCALE

NOTE TO CONTRACTOR

CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS & DEPTHS AND NOTIFY ENGINEER OF ANY INACCURACIES IN LOCATION OR ELEVATION OR ANY CONFLICTS PRIOR TO & AFTER ANY EXCAVATION. NO PAYMENT SHALL BE MADE TO CONTRACTOR FOR UTILITY DESTRUCTION OR UNDERGROUND CHANGES REQUIRED DUE TO CONFLICTING ELEVATIONS.

revisions:

ARCHITECTURE
CIVIL ENGINEERING
PLANNING

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PROPOSED
FAIRVIEW STREET SIDEWALK PROJECT
FROM ALLEN STREET TO WYLIE STREET
BLOOMINGTON, INDIANA

title: MISCELLANEOUS
DETAILS

designed by: DJB
drawn by: DJB
checked by: JSF
sheet no.: C401
project no.: 401449